

IDIYAS Upfront Research Reports

"SARS-COV-2"

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Top 10 CPC

A61P31-14 (113 patents) - Antivirals for RNA viruses	G01N33-56983 (33 patents) - Viruses	C12N7-00 (28 patents) - Viruses; Bacteriophages; Compositions thereof; Preparation or purification thereof (preparing medicinal viral antigen or antibody compositions, e.g. virus vaccines, [CPC: A61K39/00])	A61K45-06 (25 patents) - Mixtures of active ingredients without chemical characterisation, e.g. antiphlogistics and cardiaca
	C07K16-10 (31 patents) - Immunoglobulins [IGs], e.g. monoclonal or polyclonal antibodies (antibodies with enzymatic activity, e.g. abzymes [CPC: C12N9/0002]) against material from viruses from RNA viruses, e.g. hepatitis E virus	C12N2770-20034 (22 patents) - Use of virus or viral component as vaccine, e.g. live-attenuated or inactivated virus, VLP, viral protein	A61K2039-53 (19 patents) - DNA (RNA) vaccination
A61K39-215 (63 patents) - Coronaviridae, e.g. avian infectious bronchitis virus	G01N2333-165 (30 patents) - Coronaviridae, e.g. avian infectious bronchitis virus	C07K2317-76 (19 patents) - Antagonist effect on antigen, e.g. neutralization or inhibition of binding	

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1	12006291	2024-06-11	2023-01-10	Processes for the preparation of 4,6,7-trifluoro-1H-indole-2-carboxylic acid	Kaicheng Zhu; Tao Wang; Jiajun Zhang; Hui Cao; Ruichao Shen; Guoqiang Wang; George G Wu; Yat Sun Or;	Enanta Pharmaceuticals, Inc.;
2	12006535	2024-06-11	2020-05-29	Methods and devices for detecting SARS-CoV-2	Inanc Ortac;	Sarmal, Inc.;
3	11999777	2024-06-04	2021-06-02	Methods for treating or preventing SARS-CoV-2 infections and COVID-19 with anti-SARS-CoV-2 spike glycoprotein antibodies	Samit Ganguly; Jennifer Hamilton; Gary Herman; Andrea Hooper; Flonza Isa; Meagan O'Brien; Sumathi Sivapalasingam; Kenneth Turner; Eduardo Forleo Neto;	Regeneron Pharmaceuticals, Inc.;
4	11993644	2024-05-28	2023-05-05	Antigen binding molecules targeting SARS-CoV-2	Francesco Borriello; Alexis Hiram Ramos;	Generate Biomedicines, Inc.;
5	11986478	2024-05-21	2022-08-31	Targeting papain-like protease for broad-spectrum coronaviruses inhibition	Shuofeng Yuan; Fuk Woo Jasper Chan; Kwok Yung Yuen;	Versitech, Inc.; Centre for Virology, Vaccinology and Therapeutics Limited;
6	11986479	2024-05-21	2023-02-15	Combination drug products for treating patients suffering from one or more medical conditions caused by coronavirus infection, including by SARS-CoV-2, its alpha, beta, delta, or omicron variants and sub variants	David M Naeger;	Pharsoln, Inc.;
7	11988671	2024-05-21	2021-08-04	Assays for detecting SARS-CoV-2	Lawrence B Blyn; Mijung Ji; Stephen Kovacs; Anthony S Muerhoff; Stacey P Huth; Carsten Buenning; Tao Xin; Donabel Roberts; Sung Hee Kim; Sang Yong Park; Robert N Ziemann;	Abbott Rapid Diagnostics International Unlimited Company;
8	11986516	2024-05-21	2023-01-27	Compositions and methods for treatment of SARS-COV-2	Michelle Lorraine Rivera;	Phenom Pharmaceuticals, LLC;
9	11987616	2024-05-21	2023-02-15	Antigen binding molecules targeting SARS-CoV-2	Gevorg Grigoryan; John Ingraham;	Flagship Pioneering Innovations Vi, LLC;
10	11981725	2024-05-14	2023-01-06	Antigen binding molecules targeting SARS-CoV-2	Gevorg Grigoryan; John Ingraham; Cheuk Lun Leung; Ross Steven Federman; Robin Jeffrey Green; Alexis Hiram Ramos; Jenhan Tao;	Flagship Pioneering Innovations Vi, LLC;
11	11975067	2024-05-07	2023-03-20	Coronavirus disease (COVID-19) vaccine	Matthias Johannes Schnell; Christoph Wirblich; Drishya Kurup;	Thomas Jefferson University;
12	11968981	2024-04-30	2021-03-24	Anti-viral formulation of active nano ingredients for coating on personal protective equipment and for aerosol based disinfectant composition	Mani Gajendiran; Ruchi Jain; Arjyabaran Sinha; Koushik Bhowmik; Om Parkash; Mukesh Kumar Vyas; Jyotiranjana Ota; Samik Kumar Hait; Vivekanand Kagdiyal; Deepak Saxena; Sankara Sri Venkata Ramakumar;	Indian Oil Corporation Limited;
13	11969467	2024-04-30	2023-09-12	Nucleic acid vaccine against the SARS-CoV-2 coronavirus	Etienne Simon-Loriere; Matthieu Prot; Xavier Montagutelli;	Institut Pasteur;
14	11963955	2024-04-23	2021-08-13	Compositions for and methods of inhibiting SARS-CoV2 infection	Omonike A Olaleye;	Texas Southern University;
15	11963959	2024-04-23	2022-08-12	Inhibitors for coronavirus	Jonathan A Bohmann; Nadean M Gutierrez; Joseph A Mcdonough; Robert Francis Campbell; Michael Gordon Joyce; Rekha Panchal; Rajeshwer Sankhala; Allen Duplantier;	Southwest Research Institute; The Government of the United States, As Represented by the Secretary of the Army; The Henry M. Jackson Foundation for the Advancement of Military Medicine Inc.;
16	11964011	2024-04-23	2023-03-06	Coronavirus vaccine	Susanne Rauch; Hans Wolfgang Große; Benjamin Petsch;	Curevac Se;
17	11964012	2024-04-23	2023-03-06	Coronavirus vaccine	Susanne Rauch; Hans Wolfgang Große; Benjamin Petsch;	Curevac Se;
18	11964013	2024-04-23	2023-09-12	Nucleic acid vaccine against the SARS-CoV-2 coronavirus	Etienne Simon-Loriere; Matthieu Prot; Xavier Montagutelli;	Institut Pasteur;
19	11961346	2024-04-16	2022-02-11	Smartphone and app for personal pathogen status verification at point of entry into an area of congregation	Mark Klein; Wendell Brown;	Openclear, Inc.;
20	11951146	2024-04-09	2021-11-23	Stimulation of NK cell activity by using a combination of broccoli, Nigella Sativa, Green Tea, and pterostilbene alone and together with metformin	Thomas Ichim; Timothy G Dixon; Famela Ramos; Wais Kaihani;	Therapeutic Solutions International, Inc.;

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21	11951164	2024-04-09	2022-11-22	Systems and methods for the preparation of vaccines utilizing predictably inactivated pathogens	Madhavan Pisharodi;	Perumala Holdings, LLC;
22	11951174	2024-04-09	2023-04-17	Therapeutics directed against coronavirus	Sunanda Singh;	Singh Biotechnology, LLC;
23	11952637	2024-04-09	2021-06-11	Rapid low-cost detection of SARS-CoV-2 using isothermal amplification and sensing methods	Alexander Green; Keith Pardee; Margot Karlikow; Kaiyue Wu; Masoud Norouzi;	Arizona Board of Regents on Behalf of Arizona State University; The Governing Council of the University of Toronto;
24	11946931	2024-04-02	2022-01-31	Methods and devices for detecting a pathogen and its molecular components	Deependra Kumar Ban; Ratnesh Lal; Gennadi Glinskii; Prabhakar R Bandaru; Sunil Srivastava; Scott John; Tyler Bodily; Abhijith Karkisaval Ganapati;	
25	11938110	2024-03-26	2023-04-20	Use of verapamil for the treatment of SARS-Cov-2 induced COVID-19	Manoj P Jadhav; Ramakrishna Devarakonda;	
26	11938146	2024-03-26	2022-11-30	Treatment for coronavirus infection and associated cytokine toxicity	Sydney David Cullis-Hill;	
27	11939623	2024-03-26	2020-09-14	Methods and reagents for nucleic acids detection	Matias Ricardo Gutiérrez Mostafá; Chantal Loretto Márquez Badilla; Ana Cecilia Morán;	Genosur, LLC;
28	11931410	2024-03-19	2022-04-29	SARS-CoV-2 mRNA vaccine and preparation method and use thereof	Yong Hu;	Shenzhen Rhegen Biotechnology Co., Ltd.;
29	11931517	2024-03-19	2023-03-13	Germicidal UV light device	Herman David Palmieri;	
30	11925680	2024-03-12	2020-09-18	Neoglycoconjugates as vaccines and therapeutic tools	Tze Chieh Shiao; Serge Moffett; Serge Mignani; Rene Roy;	Koranex Capital;
31	11925694	2024-03-12	2022-03-18	Coronavirus vaccine	Ugur Sahin; Alptekin Güler; Andreas Kuhn; Alexander Muik; Annette Vogel; Kerstin Walzer; Sonja Witzel; Stephanie Hein; Özlem Türeci;	Biontech Se;
32	11926642	2024-03-12	2021-07-01	Compounds and methods for the treatment of COVID-19	Robert Steven Kania; Padmavani Bezawada; Emma Louise Hawking; Rohit Jaini; Samir Kulkarni; Matthew Nathan O'Brien Laramy; Jonathan Richard Lillis; Suman Luthra; Dafydd Rhys Owen; Klimentina Dimitrova Pencheva; Anil Mahadeo Rane; Matthew Forrest Sammons; Bradley Paul Sullivan; Andrew John Thiel; Martyn David Ticehurst; Jamison Bryce Tuttle; Robert Louis Hoffman;	Pfizer Corporation;
33	11926877	2024-03-12	2021-06-17	Saliva-based molecular testing for SARS-CoV-2	Diana Rose Ranoa; Robin L Holland; Fadi G Alnaji; Kelsie J Green; Leyi Wang; Christopher B Brooke; Martin D Burke; Timothy M Fan; Paul J Hergenrother;	University of Illinois;
34	11918643	2024-03-05	2021-12-21	RNA vaccine against SARS-CoV-2 variants	Nicole Roth; Diego Chaves Moreno; Hans Wolfgang Große; Dominik Vahrenhorst; Susanne Rauch;	Curevac Se; Glaxosmithkline Biologicals Sa;
35	11919944	2024-03-05	2021-05-09	Antibodies for SARS-CoV-2 and uses thereof	Christopher J Emig; Rosanna Man Wah Chau; Payam Shahi; Kim-Xuan Nguyen; Yushuan Lai; Robin Emig; John Beaber; Steven Henry; Marco Antonio Mena;	Augmenta Biosciences, Inc.;
36	11919945	2024-03-05	2021-11-04	Neutralizing anti-SARS-CoV-2 antibodies	Michel Nussenzweig;	The Rockefeller University;
37	11921048	2024-03-05	2022-10-28	Nanocomposite nanostructure-based surface-enhanced Raman scattering respiratory droplet mask sensor and fabrication method therefor	Ki-Hun Jeong; Charles Soon Hong Hwang;	Korea Advanced Institute of Science and Technology;
38	11921114	2024-03-05	2021-06-02	Systems and processes to screen for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) of 2019 (COVID-19)	Melicia R Gainey; Dalia Natour;	
39	11918747	2024-03-05	2020-07-27	Bioburden reduction surgical masks/respirators with use in protection against SARS-CoV-2 infections	Cullen Thomas Moore; Timothy S Moore;	
40	11911431	2024-02-27	2021-06-15	Sustained release ashwagandha extract	Michael Lelah;	Arjuna Natural Pvt. Ltd.;

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41	11911460	2024-02-27	2023-08-01	Lipid delivery system and virus-like structure (VLS) vaccine constructed therefrom	Qihan Li; Kaili Ma; Yanmei Li; Jingjing Zhang; Lichun Wang; Changyong Mu; Xiaowu Peng; Yanrui Su; Chang'e Liu; Liping He; Lin Feng; Dongxiu Gao; An Wang; Hongbing Li; Gang Xu; Fuyun He; Lichun Zheng; Hongkun Yi;	Weirui Biotechnology (kunming) Co., Ltd.; Shandong Weigao Litong Biological Products Co., Ltd.;
42	11911461	2024-02-27	2023-05-05	Adjuvanted vaccines containing modified S1 Spike protein of SARS-CoV-2 variant C.1.2 for subcutaneous administration and methods of use	David Craig Wright; Michael Bowe; Emily Wright; Peter Pushko;	D4 Labs, LLC;
43	11911462	2024-02-27	2023-07-12	Nucleic acid vaccine against the SARS-CoV-2 coronavirus	Etienne Simon-Loriere; Matthieu Prot; Xavier Montagutelli;	Institut Pasteur;
44	11903916	2024-02-20	2021-09-03	Methods of using probenecid for treatment of coronavirus infections	Ralph A Tripp; Jackelyn Murray; Robert Jeff Hogan;	University of Georgia Research Foundation, Inc.;
45	11903921	2024-02-20	2021-04-05	Systems and methods for treating coronavirus	Michael Mong; Bao Tran;	
46	11903952	2024-02-20	2021-05-26	Vitamin D as an immune modulator to prevent immune-related complication from COVID-19 infection	Kurt Q Lu; Livia A Veress; Kevin D Cooper; Amisha Wallia;	Northwestern University; Case Western Reserve University; University of Colorado;
47	11904013	2024-02-20	2021-05-03	Immunogenic composition and use thereof	Chih-Hsiang Leng; Po-Hsu Su; Po-Kang Chen;	Adimmune Corporation;
48	11905306	2024-02-20	2022-12-21	Substituted phenyl ethynyl pyridine carboxamides as potent inhibitors of SARS virus	Syed Kaleem Ahmed; Shilpa Dutta; John Phillip Tillotson; Corinne E Augelli-Szafran; Ashish Kumar Pathak; Omar Moukha-Chafiq; Timothy Patrick Sheahan; Ralph S Baric; Amy Catherine Sims; Mark R Denison;	Southern Research Institute; Vanderbilt University; University of North Carolina at Chapel Hill;
49	11908258	2024-02-20	2022-01-19	Self reporting method and apparatus for personal pathogen status verification at point of entry into an area of congregation	Mark Klein; Wendell Brown;	Openclear, Inc.;
50	11896532	2024-02-13	2022-04-15	Isolation apparatus	Peter M Jenkner; Christopher R Schultz;	Isovac Products LLC;
51	11898178	2024-02-13	2022-08-29	Catalysis deactivated angiotensin-converting enzyme 2 (ACE2) variants and their uses	Shengjiang Liu;	Avirmax, Inc.;
52	11892449	2024-02-06	2022-11-23	Therapeutics and point of care lateral-flow test for virus and antibodies using tagged assembled proteins	Jin Kim Montclare; Farbod Mahmoudinobar; Kamia Punia; Dustin Robert Britton;	New York University;
53	11883376	2024-01-30	2021-06-06	Viral infection treatment with 5-aminolevulinic acid	Nadimpally Satyavarahala Raju; Venkata Satya Suresh Attili; Nadimpally Neha Varma; Steven Jerome Moore; Cullen Thomas Moore;	
54	11883395	2024-01-30	2021-05-13	Method of treating severe acute respiratory syndrome (SARS) virus infection by administering a protein disulfide isomerase (PDI) inhibitor	Vikas Anathy; Nicolas Chamberlain; Amit Kumar;	University of Vermont and State Agricultural College;
55	11879893	2024-01-23	2022-08-09	Rapid detection test for SARS-CoV-2	Dorit Arad;	Nlc Pharma Ltd;
56	11872279	2024-01-16	2021-10-28	SARS-CoV-2 antigens and uses thereof	J Christopher Love; Sergio Andre Rodriguez Aponte; Neil Chandra Dalvie;	Massachusetts Institute of Technology;
57	11872280	2024-01-16	2022-05-31	RNA vaccine against SARS-CoV-2 variants	Nicole Roth; Diego Chaves Moreno; Hans Wolfgang Große; Dominik Vahrenhorst; Susanne Rauch;	Curevac Se; Glaxosmithkline Biologicals Sa;
58	11866407	2024-01-09	2022-04-19	Compositions and methods for inhibiting Mand PLprotease activity and for preventing and treating SARS-CoV-2 infection	Jun Wang;	Arizona Board of Regents on Behalf of the University of Arizona;
59	11866485	2024-01-09	2022-10-03	Antibody specific to spike protein of SARS-CoV-2 and uses thereof	Kuo-I Lin; Che Ma; Chi-Huey Wong; Szu-Wen Wang; Yi-Hsuan Chang; Xiaorui Chen; Han-Yi Huang;	Academia Sinica;
60	11857621	2024-01-02	2021-05-18	Synthetic pDNA vaccines against COVID-19	Iman Almansour;	Imam Abdulrahman Bin Faisal University;

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61	11857620	2024-01-02	2021-03-10	Method of inducing immunity against SARS-CoV-2 using spike (s) and nucleocapsid (N)-ETSD immunogens delivered by a replication-defective adenovirus	Patrick Soon-Shiong; Peter Sieling; Kayvan Niazi; Shahrooz Rabizadeh; Lise Geissert; Annie Shin; Adrian Rice; Elizabeth Gabitzsch; Jeffrey Safrit; Leonard Sender;	Immunitybio, Inc.;
62	11850250	2023-12-26	2021-08-20	Use of homoharringtonine in preparation of betacoronavirus replication inhibitor in human	Chungl Wu; Haijun Wen;	Hangzhou Minsheng Pharmaceutical Co. Ltd;
63	11844344	2023-12-19	2021-04-14	Systems and methods for rapid inactivation of SARS-CoV-2 by silicon nitride and aluminum nitride	Bryan J McEntire; Ryan M Bock; Bhajanjit Singh Bal;	Sintx Technologies, Inc.;
64	11844768	2023-12-19	2022-01-14	Terameprocol and nordihydroguaiaretic acid (NDGA) derivatives as coronavirus anti-viral agents	Jeffrey Khoo; Stephan D Glenn;	Erimos Pharmaceuticals, LLC;
65	11845997	2023-12-19	2020-11-25	Bioaerosol detection systems and methods of use	Chang-Yu Wu; Xiao Jiang; Maohua Pan; John Lednický; Alexandros Demetrios Theodore; Zhonghui Hugh Fan; Nima Afshar Mohajer;	University of Florida Research Foundation, Incorporated;
66	11839610	2023-12-12	2022-06-10	Method for inhibiting infection of SARS-CoV-2 in a subject	Tsong-Long Hwang; Yu-Li Chen; Yu-Chia Chang;	Chang Gung University of Science and Technology; Chang Gung University;
67	11840565	2023-12-12	2021-11-12	Methods and compositions for treating virus-associated inflammation	Robert W Keane; W Dalton Dietrich; Juan Pablo De Rivero Vaccari; Helen M Bramlett;	University of Miami;
68	11834408	2023-12-05	2022-05-26	Compounds for the treatment of SARS	Arun K Ghosh; Monika Yadav; Andrew Mesecar;	Purdue Research Foundation;
69	11834493	2023-12-05	2022-01-04	Antibody cocktail against SARS-CoV-2 spike protein	Matthew K Robinson; Pavel Nikitin; Michael John Morin; Jillian Dimuzio; Ray Howanski; John P Dowling;	Immunome, Inc.;
70	11826320	2023-11-28	2021-07-29	Treating COVID 19 by using a mixture of cannabinoids in micellized form to lower levels of pro-inflammatory cytokines and reduce risk of cytokine storm	Clint Sorensen; Melanie Montgomery; Matt Smith;	Wsmef LLC;
71	11827926	2023-11-28	2021-03-23	Methods and compositions for the diagnosis and treatment of COVID 19	Constance L Cepko; Brian Anthony Rabe;	President and Fellows of Harvard College;
72	11820811	2023-11-21	2021-07-09	Nano-antibody and its application based on SARS-CoV-2 S.protein	Chuangfu Chen; Peng Wu; Chencheng Xiao; Chengyao Li; Yong Wang; Zhen Wang;	Shihezi University;
73	11815513	2023-11-14	2021-02-03	Severe acute respiratory syndrome (SARS)-associated coronavirus diagnostics	Sylvie Van Der Werf; Nicolas Escriou; Caroline Demeret; Stéphane Petres; Pierre Lafaye; Jacques Bellalou;	Institut Pasteur;
74	11813271	2023-11-14	2021-03-31	Sialic acid compositions for the use of inhibiting and treating coronavirus infection	Jan Remmereit;	Lifescience As;
75	11806332	2023-11-07	2022-05-19	Compositions and methods for inhibition of SARS-CoV-2 viral infections	Wenshe Liu; Kai Yang; Erol Vatansever; Shiqing Xu;	The Texas A&m University System;
76	11806380	2023-11-07	2022-06-07	Method and composition for preventing and treating COVID-19 and long COVID	Mei-Nan Tuan; Hien Ly Doan; Zi-Yi Huang; Chia-Yin Lee; Thuc Anh Nguyen;	Global Preventive Medicine Biotech Company Limited;
77	11806397	2023-11-07	2022-01-31	Methods, systems, and apparatus for administering a monoclonal and/or polyclonal antibody treatment via rapid infusion	Regina E Herzlinger;	
78	11801285	2023-10-31	2022-01-26	Methods and compositions for treating coronavirus infections	Michael Powell; Erick Vidjin' Agnih Gbodossou;	Morehouse School of Medicine;
79	11793194	2023-10-24	2023-01-11	Air filter with pathogen monitoring and inactivation	Thomas J Kennedy, III;	Industrial Polymers and Chemicals, Inc.;
80	11793904	2023-10-24	2021-12-13	Protective respirator utilizing far UV-C irradiation	Richard A Rasansky; Kenneth Kelley;	Xcmr, Inc.;

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81	11795159	2023-10-24	2022-05-23	Compounds for the treatment of SARS	Arun K Ghosh; Hiroaki Mitsuya; Andrew Mesecar; Dana Shahabi;	Purdue Research Foundation;
82	11795515	2023-10-24	2021-03-24	Methods and reagents for the specific and sensitive detection of SARS-CoV-2	Flora Donati; Mélanie Albert; Sylvie Behillil; Vincent Enouf; Sylvie van der Werf;	Institut Pasteur;
83	11786440	2023-10-17	2021-02-19	Device for acupuncture and moxibustion therapy and uses thereof	Xunhua Zhang;	
84	11786530	2023-10-17	2022-03-09	Method against severe acute respiratory syndrome coronavirus 2 infection	Jinn-Moon Yang; Po-Shiuan Hsieh; Chih-Heng Huang; Yu-Hsiu Chang; Nikhil Pathak; Yen-Chao Hsu; Yun-Ti Chen; Nung-Yu Hsu;	National Yang Ming Chiao Tung University;
85	11786537	2023-10-17	2022-02-13	Therapeutic inhibition affinity of copper (II) complex and their diazenyl pyridinone heterocyclic ligands against SARS-CoV2	Khadijah M Al-Zaydi; Mostafa A Hussien A Hussein; Ahlam Ibrahim Alsulami;	King Abdulaziz University;
86	11786545	2023-10-17	2022-03-30	Compositions and methods for treating SARS-CoV-2 infection	Anna Marie Pyle; Akiko Iwasaki; Tianyang Mao;	Yale University;
87	11789020	2023-10-17	2021-05-12	Neutralizing antibody testing and treatment	Sergei Svarovsky; Douglas Lake; Alim Seit-Nebi; Maria González-Moa;	Sapphire Biotech, Inc.;
88	11779585	2023-10-10	2022-08-03	Method for treating coronavirus infections	Harold C Smith; Ryan P Bennett;	Oyagen, Inc.;
89	11780871	2023-10-10	2021-03-29	COVID-19 treatment and methods	Barry E Rothenberg;	Billups-rothenberg, Inc.;
90	11773391	2023-10-03	2021-03-31	Therapeutic and diagnostic target for SARS-CoV-2 and COVID-19	Stephen Yu-Wah Chan; LLOYD David Harvey;	University of Pittsburgh—of the Commonwealth System of Higher Education;
91	11766040	2023-09-26	2022-10-05	Air filter with pathogen monitoring and inactivation	Thomas J Kennedy, III;	Industrial Polymers and Chemicals, Inc.;
92	11766429	2023-09-26	2021-08-26	Nicotinic receptor antagonists and pioglitazone as therapeutic agents for Covid-19	Paul Ronald Sanberg; Christian Bernard Brechot; Shyam S Mohapatra; Subhra Mohapatra;	University of South Florida;
93	11766503	2023-09-26	2022-12-07	Disinfecting HVAC system and methods of making and using the same	Warren I Jackson;	
94	11768206	2023-09-26	2020-06-26	Methods of treating or preventing serious symptoms from COVID-19 infection	Henry Winchester;	
95	11759495	2023-09-19	2021-08-30	Upregulation of therapeutic T regulatory cells and suppression of suicidal ideations in response to inflammation by administration of nutraceutical compositions alone or combined with minocycline	Thomas E Ichim; Timothy G Dixon; Kalina O'Connor;	Therapeutic Solutions International, Inc.;
96	11759516	2023-09-19	2022-08-11	Nucleic acid vaccine against the SARS-CoV-2 coronavirus	Etienne Simon-Loriere; Matthieu Prot; Xavier Montagutelli;	Institut Pasteur;
97	11744249	2023-09-05	2022-08-12	Disinfectants with iodine and copper complexes for use against coronavirus	Douglas J Morgan; Steve Harrison; Tanya Rhodes;	Clyra Medical Technologies, Inc.;
98	11746142	2023-09-05	2021-04-28	Cleaving pre-fusion state SARS-CoV-2 spike protein	Yang Xiang; Yan Tan;	Abclonal Science, Inc.;
99	11746144	2023-09-05	2021-07-14	Compositions and methods for treating a COVID-19 infection	Ivet Bahar; Hongying Cheng; She Zhang; Rebecca Porritt; Moshe Ardit;	University of Pittsburgh—of the Commonwealth System of Higher Education; Cedars-sinai Medical Center;
100	11738025	2023-08-29	2020-04-16	Method for treating coronavirus infections	Harold C Smith; Ryan P Bennett;	Oyagen, Inc.;

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101	11739137	2023-08-29	2021-10-28	Single domain antibodies to SARS-CoV-2 nucleocapsid protein	Ellen R Goldman; George P Anderson; Jinny L Liu; Thomas J Esparza;	The Government of the United States of America, As Represented by the Secretary of the Navy;
102	11740240	2023-08-29	2021-07-19	Immunoassay for SARS-CoV-2 neutralizing antibodies and materials therefor	Qian Gao; Ravi Kaul; Shuxia Zhou; Roger P Walker;	Bio-rad Laboratories, Inc.;
103	11737974	2023-08-29	2021-11-30	SARS-CoV-2 subunit vaccine and microneedle array delivery system	Andrea Gambotto; Louis Falo, Jr; Eun Kim;	University of Pittsburgh—of the Commonwealth System of Higher Education;
104	11731944	2023-08-22	2023-02-08	SARS-CoV-2 inhibitors for treating coronavirus infections	Xiao Ding; Jingjing Peng; Feng Ren; Xiaoyu Ding; Bogdan Zagribelnyy; Yan A Ivanenkov;	Insilico Medicine IP Limited;
105	11732264	2023-08-22	2021-10-28	Compositions and methods for treating COVID-19	Norman Zhennan Lai; Yuebin Tan; Ying Wang;	Vast Sea Biotechnology, Inc.;
106	11732315	2023-08-22	2022-09-28	Rapid diagnostic test for lamp	Nathan Tanner; Yinhua Zhang; Eric Hunt; Gregory Patton; Guoping Ren; Zhiru Li; Andrew Barry; Nicole Nichols; Catherine B Poole; Harriet M Strimpel; Ivan R Correa, Jr; Clotilde Carlow; Esta Slayton; Thomas C Evans, Jr;	New England Biolabs, Inc.;
107	11724077	2023-08-15	2021-08-31	Therapeutic swabs for treating upper respiratory infections	Subhash Dhawan;	
108	11718839	2023-08-08	2021-07-16	Compositions and methods for deactivating enveloped viruses such as SARS-CoV-2	Oscar Juarez; Karina Tuz; David Do Le Minh;	Illinois Institute of Technology;
109	11707444	2023-07-25	2021-09-03	Antiviral composition for SARS-CoV-2 containing cannabinoids as active ingredient	Jintae Lee; Jungyeob Ham; Taejung Kim;	Research Cooperation Foundation of Yeungnam University; Korea Institute of Science and Technology;
110	11707517	2023-07-25	2021-12-07	Antigen specific immunotherapy for COVID-19 fusion proteins and methods of use	Todd C Zion; Thomas M Lancaster; Thillainayagam Sathiyaseelan; Kexin Huang;	Akston Biosciences Corporation;
111	11708348	2023-07-25	2022-06-10	Protease inhibitors for treatment of coronavirus infections	Arnab K Chatterjee; Jian Jeffrey Chen; Elshan Nakath; Alireza Rahimi; Anil Kumar Gupta; Gennadii Grabovyi; Katy Wilson; Sourav Ghorai; Armen Nazarian; James Pedroarena; Wrickban Mazumdar; Frank Weiss; Lirui Song; Malina A Bakowski; Laura Riva; Karen Wolff; Case W McNamara; Thomas F Rogers; Jacqueline Malvin; Shuangwei Li; Sean Joseph; Ashley Woods; Yuyin Liu; Neechi Okwor;	The Scripps Research Institute;
112	11701423	2023-07-18	2022-03-11	Hyperimmunized egg product for treatment or prevention of coronavirus infection	Subramanian V Iyer; Satishchandran Chandrasekhar; Uday Saxena; Gopi Kadiyala;	Lay Sciences, Inc.;
113	11703507	2023-07-18	2021-08-06	Immunoassay for SARS-CoV-2 antibodies	Sandeep Kumar Vashist; Lionel Gilles Guiffo Djoko; Bhavesh Govind;	Pictor Limited;
114	11690917	2023-07-04	2022-05-23	Methods and compositions for a universal and long-lasting vaccine	Gongyi Zhang;	
115	11684066	2023-06-27	2023-02-02	Air filter with pathogen monitoring and inactivation	Thomas J Kennedy, III;	Industrial Polymers and Chemicals, Inc.;
116	11684669	2023-06-27	2021-09-10	CpG-adjuvanted SARS-CoV-2 virus vaccine	Andreas Meinke; Michael Möhlen; Christoph Reinisch; Robert Schlegel; Christian Taucher; John Campbell; David Novack; Robert S Janssen; Jürgen Heindl-Wruss;	Valneva Austria Gmbh; Dynavax Technologies Corporation;
117	11686730	2023-06-27	2021-04-28	Quantitative antibody test	Andrew Ball; Lei Chang; Syrena Fernandes; Joe Johnson; Jeremy Lambert; Dawn Mattoon; Tatiana Plavina; David Wilson;	Quanterix Corporation;
118	11684668	2023-06-27	2020-05-26	Replication-defective adenoviruses comprising nucleic acids encoding SARS-CoV-2 s glycoprotein and modified N protein comprising an endosomal targeting sequence	Kayvan Niazi;	Nantcell, Inc.;
119	11667678	2023-06-06	2022-03-21	Peptides for the treatment of COVID-19	Kalipada Pahan;	Rush University Medical Center;
120	11668710	2023-06-06	2021-05-20	Assays for the detection of a blocking analyte	Jianfu Wang; Nan Zhang; Shuo Chen; Jin Vale Wu;	Novodiox, Inc.;

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121	11660243	2023-05-30	2022-07-25	Apparatus and method for an effortless transition to a prone position for patients suffering from SARS-CoV-2	Stephen J Kuperberg;	
122	11660307	2023-05-30	2021-01-26	Methods for treating SARS CoV-2 infections	Tomas Cihlar; Anuoluwapo Osinusi; Danielle L Porter;	Gilead Sciences, Inc.;
123	11660335	2023-05-30	2021-02-25	Vaccines against coronavirus and methods of use	Jian Yan; Kate Broderick; David Weiner; Kar Muthumani; Ami Patel;	Inovio Pharmaceuticals, Inc.; The Wistar Institute of Anatomy & Biology;
124	11660336	2023-05-30	2022-08-05	Coronavirus disease (COVID-19) vaccine	Matthias Johannes Schnell; Christoph Wirblich; Drishya Kurup;	Thomas Jefferson University;
125	11661448	2023-05-30	2021-07-09	Nano-antibody and its application based on SARS-CoV-2 S protein S1 subunit	Chuangfu Chen; Peng Wu; Chencheng Xiao; Chengyao Li; Yong Wang; Zhen Wang;	Shihezi University;
126	11654132	2023-05-23	2022-06-29	Methods for treating COVID-19	Thomas M Fishbein; Khalid M Khan; Alexander H Kroemer;	Medstar Health;
127	11648300	2023-05-16	2022-03-31	Pharmaceutical combination therapy and prevention with aprotinin + nirmatrelvir of SARS-CoV-2 and/or disease associated with this infection, including COVID-19	Alexandre Vasilievich Ivachtchenko; Andrey Alexandrovich Ivashchenko; Alena Alexandrovna Ivachtchenko; Ilya Andreevich Ivachtchenko; Nikolay Filippovich Savchuk;	Asavi LLC;
128	11649457	2023-05-16	2022-03-30	Methods for treating SARS-CoV-2 infection	Anna Marie Pyle; Akiko Iwasaki; Tianyang Mao;	Yale University;
129	11649511	2023-05-16	2020-04-10	Multiplex PCR method for the detection of SARS-CoV-2	Xiwen Jiang; Jian Fan; Hailong Peng; Rongyu Peng;	Daan Gene Co., Ltd.;
130	11644465	2023-05-09	2021-06-15	Assays, sensing platforms, and methods for diagnosis of coronavirus infection and re-infection	Meijie Tang; Hongjie Dai; Tiancheng Liu; Jessica Hsiung; Jessica Kost; Deepika Sreedhar; Su Zhao;	Nirmidas Biotech, Inc.;
131	11638526	2023-05-02	2021-04-13	Methods of diagnosing and treating viral infections	Ibrahim Saud Almishari;	
132	11638715	2023-05-02	2022-06-16	Orally-bioavailable nucleoside analogs	Christopher J Burns; Glen Coburn; Guo-Hua Chu; Stephen M Condon; Steven A Boyd; Daniel C Pevear;	Venatorx Pharmaceuticals, Inc.;
133	11638722	2023-05-02	2022-01-14	Medicine for Covid-19 and treatment	Kalervo Väänänen; Lauri Kangas; Matti Rihko;	Therapeutica Borealis Oy C/o Avance Attorneys Ltd.;
134	11633391	2023-04-25	2021-03-02	Methods for the treatment and prevention of lung infections caused by gram-positive bacteria, fungus, or virus by administration of tafenoquine	Geoffrey S Dow;	60 Degrees Pharmaceuticals, LLC;
135	11634428	2023-04-25	2021-03-29	Deuterated angiotensin-converting enzyme-2 (ACE-2) inhibitors	Daljit Singh Dhanoa;	
136	11634477	2023-04-25	2021-04-28	Neutralizing anti-SARS-CoV-2 antibodies and methods of use thereof	Michel Nussenzweig; Davide F Robbiani;	The Rockefeller University;
137	11628167	2023-04-18	2022-05-03	Method of treating fibrosis	Miguel de los Rios; John Hood; Anita Difrancesco;	Endeavor Biomedicines, Inc.;
138	11628197	2023-04-18	2021-05-03	Methods and compounds for treating effects of COVID-19 disease	Deepa Chitre; Debendranath Dey; Satej R Nadkarni;	Bioved Pharmaceuticals, Inc.;
139	11623018	2023-04-11	2021-04-01	Photoactivated semiconductor photocatalytic air purification	Devon Paul Scheg; Xavier Isaiah Morgan-Lange;	Promethium Limited;
140	11623949	2023-04-11	2022-01-27	Anti-spike glycoprotein antibodies and the therapeutic use thereof	Ilse Roodink; Yasmina Noubia Abdiche; Jennifer L Bath;	Talem Therapeutics LLC;

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141	11617775	2023-04-04	2022-05-05	Ginseng candy composition containing the betel leaf extract	Tran Ky Huynh; Nam Linh Huynh;	
142	11612574	2023-03-28	2021-06-24	Method of treating patients infected with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)	Bradley S Galer;	Zogenix International Limited;
143	11612673	2023-03-28	2020-08-31	Photoactivated semiconductor photocatalytic air purification	Xavier Isaiah Morgan-Lange; Devon Paul Scheg; Harry Larson;	Promethium Limited;
144	11607418	2023-03-21	2021-01-06	Methods of treating SARS-CoV-2 infections	Steven Hoffman; John Rothman;	Tyme, Inc.;
145	11607449	2023-03-21	2021-03-16	Synthetic plasmid DNA vaccine expressing a codon-optimized SARS-COV-2 spike protein	Anwar M Hashem; Mohamed A Alfaleh; Turki S Abujamel; Sawsan S Alamri; Abdullah Algaissi; Khalid A Alluhaybi;	King Abdulaziz University;
146	11608331	2023-03-21	2021-06-04	Anti-SARS CoV-2 inhibitors by dual viral-host targeting	Sameh S M Soliman; Bahgat Fayed; Rania Hamdy; Ahmed M Almehti;	University of Sharjah;
147	11596686	2023-03-07	2022-08-09	Coronavirus vaccine	Susanne Rauch; Hans Wolfgang Große; Benjamin Petsch;	Curevac Se;
148	11583574	2023-02-21	2021-02-24	Treatment of pathogen infections formulations and methods for use	Mitchell Lynn Tate;	
149	11585778	2023-02-21	2021-09-02	Multiplexed sensor for ultra-fast and low-cost COVID-19 diagnosis and monitoring	Wei Gao; Rebeca M Torrente-Rodriguez; Heather Lukas;	California Institute of Technology;
150	11587409	2023-02-21	2021-01-13	Sanitizing self-service terminal	Sik Piu Kwan;	Ncr Corporation;
151	11576902	2023-02-14	2020-12-01	Inhibition of COVID-19 virus	Gene H Zaid; Robert Preston Moore; Cameron E West; Jason H West; Krishna Mohan Donavalli;	Ankh Life Sciences Limited;
152	11576966	2023-02-14	2021-11-15	Coronavirus vaccine	Susanne Rauch; Hans Wolfgang Große; Benjamin Petsch;	Curevac Se;
153	11564964	2023-01-31	2021-02-19	Compositions and methods for the treatment of coronavirus infection	Hani A Alhadrami; Ahmed M Sayed; Hossam M Hassan; Usama R Abdelmohsen; Mostafa E Rateb;	King Abdulaziz University;
154	11564967	2023-01-31	2022-01-24	Oral compositions containing extracts of a betel leaf and related methods	Tran Ky Huynh; Nam Linh Huynh;	
155	11564983	2023-01-31	2022-01-25	Efficient expression system of SARS-CoV-2 receptor binding domain (RBD), methods for purification and use thereof	Alan Chang; Fabrizio Maria Anella; Clement M Lee; Bing Lou Wong;	Betagen Scientific Limited;
156	11547673	2023-01-10	2021-04-16	Coronavirus vaccine	Ugur Sahin; Alptekin Güler; Andreas Kuhn; Alexander Muik; Annette Vogel; Kerstin Walzer; Sonja Witzel; Stephanie Hein; Özlem Türeci;	Biontech Se;
157	11547737	2023-01-10	2021-06-17	Compositions and methods for treating virus infection	Hoe-Yune Jung; Heonjong Lee; Dohyun Lee;	Novmetapharma Co., Ltd.;
158	11548919	2023-01-10	2022-03-16	SARS-CoV-2 polypeptide inhibitors directed against the Env TM domain and methods of treatment using said inhibitors	Alaa F Nahhas; Thomas Webster;	King Abdulaziz University;
159	11541009	2023-01-03	2021-08-24	Methods of prophylaxis of coronavirus infection and treatment of coronaviruses	Joan M Fallon; Matthew Heil; James J Fallon; Janice Hughes;	Curemark, LLC;
160	11541034	2023-01-03	2021-12-17	Nitrile-containing antiviral compounds	Dafydd Rhys Owen; Martin Youngjin Pettersson; Matthew Richard Reese; Matthew Forrest Sammons; Jamison Bryce Tuttle; Patrick Robert Verhoest; Liuqing Wei; Qingyi Yang; Xiaojing Yang;	Pfizer Corporation;

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161	11530457	2022-12-20	2021-06-17	Saliva-based molecular testing for SARS-CoV-2	Diana Rose Ranoa; Robin L Holland; Fadi G Alnaji; Kelsie J Green; Leyi Wang; Christopher B Brooke; Martin D Burke; Timothy M Fan; Paul J Hergenrother;	University of Illinois;
162	11525166	2022-12-13	2022-03-21	Rapid diagnostic test for LAMP	Nathan Tanner; Yinhua Zhang; Eric Hunt; Gregory Patton; Guoping Ren; Zhiru Li; Andrew Barry; Nicole Nichols; Catherine B Poole; Harriet M Strimpel; Ivan R Correa, Jr; Clotilde Carlow; Esta Slayton;	New England Biolabs, Inc.;
163	11525799	2022-12-13	2021-12-31	Electrochemical diagnostic system	Devi Kalyan Karumanchi; Seyedeh Shourideh; Charles Hendrix; Marc Rose; William D Meadow;	Persown, Inc.;
164	11513097	2022-11-29	2021-12-31	Methods of obtaining and using electrochemical diagnostic results	Devi Kalyan Karumanchi; Michelle Kelly; William D Meadow;	Persown, Inc.;
165	11497742	2022-11-15	2021-10-29	Pharmaceutical composition for the treatment of Covid-19 infection	Timothy S Moore;	
166	11497747	2022-11-15	2022-03-17	Compositions and methods for treating lung injuries associated with SARS-CoV-2 infections	Dianqing Wu; Ho Yin Lo;	Qx Therapeutics Inc.; Yale University;
167	11498944	2022-11-15	2021-01-30	Compositions and methods for preventing and treating coronavirus infection&#x2014;SARS-CoV-2 vaccines	Johannes Petrus Maria Langedijk; Lucy Rutten; Mark Johannes Gerardus Bakkers; Rinke Bos; Frank Wegmann; David Adrianus Theodorus Maria Zuijdgeest; Dan H Barouch; An Vandebosch; Mathieu Claude Michel Le Gars; Jerald C Sadoff;	Janssen Pharmaceuticals, Inc.; Beth Israel Deaconess Medical Center, Inc.;
168	11492379	2022-11-08	2021-12-20	SARS-CoV-2 viruses and methods of use thereof	Ralph Baric; Harold Kenneth Dinnon, III; Sarah Rebecca Leist; Yixuan Hou;	University of North Carolina at Chapel Hill;
169	11493514	2022-11-08	2021-07-19	Method and system for virus and protein-antibody interactions detection and monitoring based on optical light intensity and electrical parameters	Mahmoud F Y Al Ahmad; Tahir A Rizvi; Farah Mustafa;	United Arab Emirates University;
170	11484027	2022-11-01	2021-10-21	Air filter with pathogen monitoring and inactivation	Thomas J Kennedy, III;	Industrial Polymers and Chemicals, Inc.;
171	11478543	2022-10-25	2021-03-05	Coronavirus disease (COVID-19) vaccine	Matthias J Schnell; Christoph Wirblich; Drishya Kurup;	Thomas Jefferson University;
172	11479582	2022-10-25	2021-08-24	Anti-SARS-CoV-2 fusion peptides	Mahmoud Kandeel Elsayed; Mizuki Yamamoto; Jin Gohda; Jun-Ichiro Inoue; Yasushi Kawaguchi; Hyung-Joo Kwon; Abdulla Al-Taher;	King Faisal University;
173	11479599	2022-10-25	2021-07-23	Antibodies against SARS-CoV-2 and methods of using the same	Davide Corti; Katja Fink; Martina Beltramello; Elisabetta Cameroni; Dora Pinto; Gyorgy Snell; Florian A Lempp; Amalio Telenti;	Vir Biotechnology, Inc.;
174	11471525	2022-10-18	2021-12-09	Coronavirus vaccine	Susanne Rauch; Hans Wolfgang Große; Benjamin Petsch;	Curevac Ag;
175	11473064	2022-10-18	2021-10-19	Hybrid alphavirus-SARS-CoV-2 particle and methodology of making and using same	Brian Hetrick; Yuntao Wu;	George Mason Research Foundation, Inc.;
176	11464765	2022-10-11	2021-08-13	Use of an N-substituted pyridyl benzisoxazolone compound	Haitao Yang; Zhenming Jin; Xiuna Yang; Yao Zhao; Zihe Rao;	Shanghaitech University;
177	11466062	2022-10-11	2021-05-06	Ankyrin repeat binding proteins and their uses	Patrick Amstutz; Valerie Perrine Calabro; Marcel Walser;	Molecular Partners Ag;
178	11467165	2022-10-11	2021-09-17	Rapid assay for detection of SARS-CoV-2 antibodies	Hans Haecker; Vanessa Redecke;	University of Utah Research Foundation;
179	11464851	2022-10-11	2021-08-13	SARS-CoV-2 vaccines	Ioannis Papasotiriou;	R.g.c.c. Holdings Ag;
180	11457632	2022-10-04	2020-05-14	Disinfectants with iodine and copper complexes for use against coronavirus	Douglas J Morgan; Steve Harrison; Tanya Rhodes;	Clyra Medical Technologies, Inc.;

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181	11452711	2022-09-27	2022-04-22	Nitrile-containing antiviral compounds	Dafydd Rhys Owen; Matthew Richard Reese; Matthew Forrest Sammons; Jamison Bryce Tuttle; Patrick Robert Verhoest; Qingyi Yang;	Pfizer Corporation;
182	11453869	2022-09-27	2021-07-06	Catalysis deactivated angiotensin-converting enzyme 2 (ACE2) variants and their uses	Shengjiang Liu;	Avirmax, Inc.;
183	11446320	2022-09-20	2021-12-30	Pharmaceutical combination having potent antiviral activity against single-stranded RNA viruses	Carl Johan Freer; Richard Kaszynski; Alessandro Gadotti;	Feynman Labs, LLC;
184	11447541	2022-09-20	2021-06-22	Anti-coronavirus antibodies and methods of use	Kathryn Westendorf; Stefanie Zentelis; Krithika Muthuraman; Kevin Jepson; Ester Falconer; John Mascola; Barney Graham; Kizzmekia Corbett; Julie Ledgerwood; Lingshu Wang; Olubukola Abiona; Wei Shi; Wing-pui Kong; Yi Zhang; Bryan Edward Jones; Denisa Foster; Julian Davies; Qing Chai; Christopher Carl Frye; Ganapathy Gopalrathnam; Jörg Hendle; John Michael Sauder; Jeffrey Streetman Boyles; Anna Pustilnik;	Abcellera Biologies Inc.; The United States of America,as Represented by the Secretary, Department of Health and Human Services;
185	11448598	2022-09-20	2021-07-13	Methods and systems for detection of biohazard signatures in complex clinical and environmental samples	Rohit Bharti; Michael R Reid; William F Hug; Ray D Reid;	Photon Systems, Inc.;
186	11439638	2022-09-13	2021-12-30	Drug and diagnostic combination system to identify and treat single-stranded RNA viruses including coronaviruses	Carl Johan Freer; Richard Kaszynski; Alessandro Gadotti;	Feynman Labs, LLC;
187	11440952	2022-09-13	2021-10-14	Compositions for preventing or treating viral and other microbial infections	Cheng Liu; Hongbing Zhang; Zhiyuan Yang; Jingyi Xiang; Ziyou Cui; Jianying Liu;	Invisishield Technologies Ltd.;
188	11421019	2022-08-23	2020-09-17	Binding agents to pre-fusion state SARS-CoV-2 spike protein	Yang Xiang; Yan Tan;	
189	11421217	2022-08-23	2021-04-07	Methods and compositions for collection and preservation of biologicals	Vincent T Bicocca; Trevor Gilpin Levin;	
190	11419917	2022-08-23	2021-04-02	Treatment for SARS-CoV-2 and other coronaviruses	Drora Shevy;	
191	11413425	2022-08-16	2021-07-14	Device, system, and method for reducing coronasomnia to enhance immunity and immune response	Alexander Poltorak;	Neuroenhancement Lab, LLC;
192	11414462	2022-08-16	2021-07-20	Compositions and methods for treating SARS-CoV-2 infections	Vincent C Bond; Ming Bo Huang; James W Lillard, Jr;	Morehouse School of Medicine;
193	11406702	2022-08-09	2021-04-12	Expression of SARS-CoV-2 spike protein receptor binding domain in attenuatedas a vaccine	David Gordon Bermudes;	
194	11382370	2022-07-12	2021-06-29	Protective mask	Trevor Chandler; Michael Brown; Joshua Eng-Morris; Joshua K Goetz;	Intellisafe LLC;
195	11382968	2022-07-12	2021-06-09	Coronavirus immunogenic compositions and uses thereof	Bertrand Victor Gilbert Georges; M Scot Roberts;	Altimmune, Inc.;
196	11384122	2022-07-12	2021-07-28	Compositions and methods for preventing and treating coronavirus infection&#x2014;SARS-CoV-2 vaccines	Johannes Petrus Maria Langedijk; Lucy Rutten; Mark Johannes Gerardus Bakkers; Rinke Bos; Frank Wegmann; David Adrianus Theodorus Maria Zuijdgheest; Dan H Barouch; An Vandebosch; Mathieu Claude Michel le Gars; Jerald C Sadoff;	Janssen Pharmaceuticals, Inc.; Beth Israel Deaconess Medical Center, Inc.;
197	11384403	2022-07-12	2020-11-10	Use of pooled samples to optimise the efficiency and utility of a rapid, lab-free point-of-care test	Christofer Toumazou;	Dnanudge Limited;
198	11376232	2022-07-05	2021-04-20	Vidofludimus for use in the treatment or prevention of viral diseases	Manfred Gröppel; Daniel Vitt; Hella Kohlhof; Andreas Mühler;	Immunic Ag;
199	11377456	2022-07-05	2021-05-25	Crystalline form of Remdesivir	Fabio E S Souza; Alexander J Stirk; Allan W Rey;	Apotex Inc.;
200	11376320	2022-07-05	2021-03-04	Immunogenic and vaccine compositions against SARS-CoV-2	Michael Wan Cho;	Iowa State University Research Foundation, Inc.;

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201	11376335	2022-07-05	2021-11-10	RNA-lipid nanoparticle complexes of viral RNA polymerase region and SARS-CoV-2 spike protein region	Amit Khandhar; Steven Reed; Malcolm Duthie; Jesse Erasmus; Darrick Carter; Bryan J Berube;	Hdt Bio Corp.;
202	11369109	2022-06-28	2020-11-06	Fast-acting antimicrobial surfaces, and methods of making and using the same	Adam Gross; Andrew Nowak; Ashley Dustin; Jason Graetz; John Vajo;	Hrl Laboratories, LLC;
203	11369592	2022-06-28	2021-02-19	Treatment of human coronavirus infections using alpha-glucosidase glycoprotein processing inhibitors	Eric Holmes; Gary Ostrander; Geoffrey Stuart Dow;	Florida State University Research Foundation, Inc.;
204	11370828	2022-06-28	2021-06-22	Anti-coronavirus antibodies and methods of use	Kathryn Westendorf; Stefanie Zentelis; Krithika Muthuraman; Kevin Jepson; Ester Falconer; John Mascola; Barney Graham; Kizzmekia Corbett; Julie Ledgerwood; Lingshu Wang; Olubukola Abiona; Wei Shi; Wing-pui Kong; Yi Zhang; Bryan Edward Jones; Denisa Foster; Julian Davies; Qing Chai; Christopher Carl Frye; Ganapathy Gopalrathnam; Jörg Hendle; John Michael Sauder; Jeffrey Streetman Boyles; Anna Pustilnik;	Abcellera Biologies Inc.; The United States of America,as Represented by the Secretary, Department of Health and Human Services;
205	11365239	2022-06-21	2020-11-19	Anti-SARS-CoV-2 antibodies and uses thereof	Zheng Zhang; Linqi Zhang; Lei Liu; Qi Zhang; Bin Ju; Xuanling Shi; Qing Zhu;	
206	11358990	2022-06-14	2021-11-24	Recombinant polypeptides containing at least one immunogenic fragment and antibody fc region and uses thereof	Fritz M Schomburg; David M Rancour;	Boost Biopharma, Inc.;
207	11359007	2022-06-14	2021-08-02	Anti-SARS-CoV-2 neutralizing antibodies	Yuannian Li; Wenyi Wang;	Newsora Biopharma Co., Ltd.;
208	11351149	2022-06-07	2021-08-05	Nitrile-containing antiviral compounds	Dafydd Rhys Owen; Martin Youngjin Pettersson; Matthew Richard Reese; Matthew Forrest Sammons; Jamison Bryce Tuttle; Patrick Robert Verhoest; Liuqing Wei; Qingyi Yang; Xiaojing Yang;	Pfizer Corporation;
209	11345741	2022-05-31	2021-03-25	Human monoclonal antibodies to severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)	James E Crowe, Jr; Seth Zost; Robert Carnahan; Pavlo Gilchuk;	Vanderbilt University;
210	11345742	2022-05-31	2021-06-09	Shark VNARs for treating COVID-19	Aziz Gauhar; Cyril V Privezentzev; Pawel Stocki; Julia Lynn Rutkowski;	Ossianix, Inc.;
211	11345970	2022-05-31	2021-08-19	Rapid diagnostic test for LAMP	Nathan Tanner; Yinhua Zhang; Eric Hunt; Gregory Patton; Guoping Ren; Zhiru Li; Andrew Barry; Nicole Nichols; Catherine B Poole; Harriet M Strimpel; Ivan R Correa, Jr; Clotilde Carlow; Esta Slayton;	New England Biolabs, Inc.;
212	11345971	2022-05-31	2021-09-29	Primer set for detecting SARS-CoV-2, method for testing SARS-CoV-2, and reagent and kit of testing SARS-CoV-2	Jiro Yasuda; Rokusuke Yoshikawa; Haruka Abe;	Nagasaki University; Canon Medical Systems Corporation;
213	11338010	2022-05-24	2020-05-21	Systems, methods, and kits for diagnostics and treatment of viral respiratory infection	Ofer A Goren; John McCoy;	Suzhou Kintor Pharmaceuticals, Inc.;
214	11339190	2022-05-24	2020-12-23	Peptides for the treatment of covid-19	Kalipada Pahan;	Rush University Medical Center;
215	11335146	2022-05-17	2021-11-17	Method and apparatus for personal pathogen status verification at point of entry into an area of congregation	Mark Klein; Wendell Brown;	Openclear, Inc.;
216	11324708	2022-05-10	2021-05-25	Niclosamide formulations for treating disease	Morten Otto Alexander Sommer; Rasmus Toft-Kehler; Anne Katrine Toft-Kehler; Günter Ditzinger; Mads Jellingsoe; Philippe Andres; Matthias Manne Knopp;	Union Therapeutics A/s;
217	11324750	2022-05-10	2020-12-23	Compositions and methods for the treatment of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection	Gang Huang;	Children's Hospital Medical Center;
218	11325346	2022-05-10	2020-10-12	Protective fabric and protective product	Liangjie Dong;	Senturion+ LLC;
219	11318118	2022-05-03	2021-04-05	Methods and compositions for treating SARS-CoV-2 infection using carboxyamidotriazole orotate	Rashida A Karmali;	Tactical Therapeutics Inc.;
220	11318333	2022-05-03	2021-04-17	Respiratory protection system	Christopher T Ellerbrake;	

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221	11320434	2022-05-03	2021-06-03	Method and apparatus for rapid detection of SARS-CoV-2	Karce Daniel Rose; Seth David Rose; Neil Kempton Stone;	
222	11312760	2022-04-26	2021-08-02	Expression vector for anti-SARS-CoV-2 neutralizing antibodies	Yuannian Li; Wenyi Wang;	Newsoara Biopharma Co., Ltd.;
223	11304947	2022-04-19	2021-05-20	Compositions and methods for treating lung injuries associated with SARS-COV-2 infections	Dianqing Wu; Ho Yin Lo;	Qx Therapeutics Inc.; Yale University;
224	11298412	2022-04-12	2020-09-24	Sphingoid compounds for prophylaxis and/or therapy of coronaviridae infection	Erich Gulbins;	Harbins Ruhr Bioscience, Inc.;
225	11298417	2022-04-12	2021-01-07	Measles virus vaccine expressing SARS-CoV-2 protein(s)	William Paul Duprex; Natasha Louise Tilston-Lunel; Shamkumar Nambulli;	University of Pittsburgh—of the Commonwealth System of Higher Education;
226	11291408	2022-04-05	2021-07-20	Eyewear system for detecting and indicating presence of coronavirus	Allen B Chefitz;	123iv, Inc.;
227	11292789	2022-04-05	2020-11-30	Composition for inhibiting growth of SARS-CoV-2 and method of preparing the same	Do Hyun Na; Kyung Pyo Kang; Jin Hwan Jun; Geon Go; Hyeon Jun Na; Sang Jin Kang; Young Hyun Na; Se Jin Yoon; Su Ji Na;	Medicare Pharmaceuticals Inc.; Medicare Lc.;
228	11278602	2022-03-22	2021-03-22	Medicine for Covid-19 and treatment	Kalervo Väänänen; Lauri Kangas; Matti Rihko;	Therapeutica Borealis Oy;
229	11278617	2022-03-22	2020-07-10	Immunogenic composition forming a SARS-CoV-2 vaccine, and a method for its manufacture	Mitra Mosharraf; Aryo Sorayya; Rajiv Nayar;	Engimata, Inc;
230	11275091	2022-03-15	2020-12-23	SARS-COV-2 infection biomarkers and uses thereof	Gang Huang;	Children's Hospital Medical Center;
231	11266632	2022-03-08	2021-07-20	Maslinic and oleanolic acids derivatives for treating SARS-CoV-2 infection	Raya Soltane; Hani Abdullah Alhadrami; Ahlam Alasiri; Hichem Ben Jannet; Karim Chouaib; Amani Chrouda; Ahmed Mostafa; Rami Adel Pashameah;	King Abdulaziz University;
232	11266707	2022-03-08	2020-05-04	Nutraceuticals for the prevention, inhibition, and treatment of SARS-CoV-2 and associated COVID-19	Thomas E Ichim; Timothy G Dixon;	Therapeutic Solutions International, Inc.;
233	11266723	2022-03-08	2021-06-09	Methods and compositions for treating coronavirus infections	Michael Powell; Erick Vidjin' Agnih Gbodossou;	Morehouse School of Medicine;
234	11253587	2022-02-22	2021-03-30	Vaccine compositions for the treatment of coronavirus	David Evander Anderson; Anne-Catherine Fluckiger;	Variation Biotechnologies Inc.;
235	11255855	2022-02-22	2021-08-25	COVID-19 spike-ACE2 binding assay for drug and antibody screening	Ruo-Pan Huang; Hao Tang; Shuhong Luo; Jianmin Fang;	Raybiotech Life, Inc.;
236	11257569	2022-02-22	2021-07-06	Methods of assessing risk of developing a severe response to coronavirus infection	Gillian Sue Dite; Nicholas Mark Murphy; Richard Allman;	Genetic Technologies Limited;
237	11246922	2022-02-15	2021-04-30	Vaccine RNA-peptide against SARS-CoV-2 with endogenous exosomes as carrier	Luis Cruz Rodriguez;	Elidan America, Llc.;
238	11248265	2022-02-15	2020-11-23	Systems and processes for distinguishing pathogenic and non-pathogenic sequences from specimens	Sasan Amini; Ramin Khaksar; Michael Taylor; Prasanna Thwar Krishnan; David Tran; Shaokang Zhang; Shadi Shokralla; Kyle Rhoden; Susan Jisoon Lee; Bryan Thomas Barney; Sima Mortazavi; Adam Forrest Allred; Henrik Gehrmann;	Clear Labs, Inc.;
239	11249083	2022-02-15	2021-08-25	Covid-19 spike-ACE2 binding assay for drug and antibody screening	Ruo-Pan Huang; Hao Tang; Shuhong Luo; Jianmin Fang;	Raybiotech Life, Inc.;
240	11241493	2022-02-08	2021-04-15	Coronavirus vaccine	Susanne Rauch; Hans Wolfgang Große; Benjamin Petsch;	Curevac Ag;

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#	Patent No	Pub. Date	Filed	Title	Inventors	Assignees
241	11225508	2022-01-18	2021-02-11	Mouse-adapted SARS-CoV-2 viruses and methods of use thereof	Ralph Baric; Kenneth Harold Dinnon, III; Sarah Rebecca Leist;	University of North Carolina at Chapel Hill;
242	11213581	2022-01-04	2021-04-09	Antigen specific immunotherapy for COVID-19 fusion proteins and methods of use	Todd C Zion; Thomas M Lancaster; Thillainayagam Sathiyaseelan; Kexin Huang;	Akston Biosciences Corporation;
243	11214843	2022-01-04	2021-05-14	Compositions, kits and methods for detection of viral sequences	Kelly Li; Ioanna Pagani; Pius Brzoska; Jisheng Li; Chunling Wang; Kathleen Hayashibara; Michael Tanner; Hong Ji; Kamini Varma; Fangqi Hu; Robert Tebbs;	Life Technologies Corporation;
244	11213482	2022-01-04	2020-09-01	SARS-CoV-2 subunit vaccine and microneedle array delivery system	Andrea Gambotto; Louis Falo, Jr; Eun Kim;	University of Pittsburgh—of the Commonwealth System of Higher Education;
245	11207370	2021-12-28	2020-06-05	Peptidomimetics for the treatment of coronavirus and picornavirus infections	Raymond F Schinazi; Keivan Zandi; Franck Amblard;	Emory University;
246	11202753	2021-12-21	2020-08-17	Systems and methods for generating immune responses in subjects using microchannel delivery devices	Sobin Chang; Daniel J Nevriy; Saiprasad Sankaranarayanan;	
247	11179459	2021-11-23	2021-06-22	Vaccine composition for preventing human infection of SARS coronavirus and alleviating infection symptoms	Hyun Jang; Bo-Kyoung Jung; Yong-Hee An;	Libentech Co., Ltd.;
248	11180534	2021-11-23	2021-06-04	Compositions and methods for treating SARS-CoV-2 infections	Vincent C Bond; Ming Bo Huang; James W Lillard, Jr;	Morehouse School of Medicine;
249	11174307	2021-11-16	2020-04-23	Methods and compositions for treating virus-associated inflammation	Robert W Keane; W Dalton Dietrich; Juan Pablo De Rivero Vaccari; Helen M Bramlett;	University of Miami;
250	11175293	2021-11-16	2021-01-04	Rapid assay for detection of SARS-CoV-2 antibodies	Hans Haecker; Vanessa Redecke;	University of Utah Research Foundation;
251	11168128	2021-11-09	2021-02-25	Antibodies against SARS-CoV-2 and methods of using the same	Davide Corti; Katja Fink; Martina Beltramello; Elisabetta Cameroni; Dora Pinto; Gyorgy Snell; Florian A Lempp; Amalio Telenti;	Vir Biotechnology, Inc.;
252	11160814	2021-11-02	2021-03-08	Methods of treatment for disease from coronavirus exposure	Michael David Kuo;	Ensemble Group Holdings;
253	11149320	2021-10-19	2020-10-23	Assays for the detection of SARS-CoV-2	Chiara Brambati; Simone Bocchetta; Giulia Minnucci;	Diasorin S.p.a.;
254	11151820	2021-10-19	2021-04-20	Method and apparatus for personal pathogen status verification at point of entry into an area of congregation	Mark Klein; Wendell Brown;	Openclear, Inc.;
255	11141419	2021-10-12	2021-04-27	Use of iminosugars as prophylactic and therapy against COVID-19 / SARS-CoV-2	Suresh Kuchipudi;	The Penn State Research Foundation;
256	11135220	2021-10-05	2020-04-09	Methods of treating viral infections with formulated compositions comprising 4-methyl-5-(pyrazin-2-yl)-3H-1,2-dithiole-3-thione	Bomi Framroze; Jeffrey A Gelfand;	St IP Holding Ag;
257	11137395	2021-10-05	2021-06-15	SARS-CoV-2 (COVID-19) spike-AXL binding assay	Ruo-Pan Huang; Tuhin Das; Hao Tang; Shuhong Luo; Jianmin Fang;	Raybiotech Life, Inc.;
258	11129890	2021-09-28	2020-05-19	Non-integrating comprising mutant RT/IN proteins and the SARS-CoV-2 spike protein	Zairen Sun;	Vigene Biosciences, Inc.;
259	11123554	2021-09-21	2020-11-25	Targeted delivery of molecules using impedance-based monitoring at elevated temperatures	Richard Heller; Loree C Heller; Mark Jeffery Jaroszeski;	University of South Florida; Old Dominion University;
260	11116737	2021-09-14	2020-05-15	Methods of using probenecid for treatment of coronavirus infections	Ralph A Tripp; Jackelyn Murray; Robert Jeff Hogan;	University of Georgia Research Foundation, Inc.;

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261	11119103	2021-09-14	2020-06-12	Serological assays for SARS-CoV-2	Deepta Bhattacharya; Ryan Sprissler; Janko Nikolich-Zugich; Matthew Kaplan; Tyler Ripperger; Jennifer Uhrlaub; Makiko Watanabe; Rachel Wong;	Arizona Board of Regents on Behalf of the University of Arizona;
262	11112412	2021-09-07	2020-07-27	SARS-CoV-2 surrogate virus neutralization assay test kit	Linfa Wang;	National University of Singapore;
263	11103576	2021-08-31	2020-09-02	Measles virus vaccine expressing SARS-COV-2 protein(s)	William Paul Duprex;	University of Pittsburgh-of the Commonwealth System of Higher Education;
264	11105804	2021-08-31	2021-01-05	COVID-19 spike-ACE2 binding assay for drug and antibody screening	Ruo-Pan Huang; Hao Tang; Shuhong Luo; Jianmin Fang;	Raybiotech Life, Inc.;
265	11065479	2021-07-20	2020-08-18	Portable air powered respirator	Alexander P Rafalovich; Vladimir G Bulygin; Daniil V Golubev; Vladislav K Spiridonov;	
266	11066697	2021-07-20	2020-06-24	Colorimetric and multiplexed isothermal RNA-based assay for SARS-CoV-2 and other viral diagnostics and cell analysis	Tania Konry; Ji Won Lim;	Northeastern University;
267	11066712	2021-07-20	2020-11-21	Rapid viral assay	Bret T Barnhizer; Jonathan P Faro;	
268	11058647	2021-07-13	2020-07-09	Systems, methods, and kits for diagnostics and treatment of viral respiratory infection	Ofer A Goren; John McCoy;	Applied Biology, Inc.;
269	11058764	2021-07-13	2020-11-06	HCoV vaccine for improving immunity against SARS-CoV-2 infection	Timothy S Moore; Cullen Thomas Moore;	
270	11060995	2021-07-13	2020-07-20	Rapid viral diagnostic sensor	Gerardine G Botte; Ashwin Ramanujam;	Texas Tech University System;
271	11052166	2021-07-06	2020-07-13	Frequency selective viral inactivation through bond breaking	James Arthur Graham, Jr; Ghobad Heidari-Bateni; Stanton C Braden; Craig Martin Gregersen;	
272	11054429	2021-07-06	2021-04-01	SARS-CoV-2 surrogate virus neutralization test based on antibody-mediated blockage of ACE2-spike protein binding	Linfa Wang;	National University of Singapore;
273	11045434	2021-06-29	2020-11-13	Niclosamide formulations for treating disease	Morten Otto Alexander Sommer; Rasmus Toft-Kehler; Anne Katrine Toft-Kehler; Günter Ditzinger; Mads Jellingsoe; Philippe Andres; Matthias Manne Knopp;	Union Therapeutics A/s;
274	11047007	2021-06-29	2020-06-25	Polynucleotides for amplification and detection of SARS-CoV-2	Nadya Andini; Kathy Chiu; Xuewen Jiang; Hédia Maamar;	Talis Biomedical Corporation;
275	11040340	2021-06-22	2021-02-10	Collection system and device for reducing clinical false positives and negatives in the detection of SARS-CoV-2	Timothy S Moore; Cullen Thomas Moore;	
276	11034655	2021-06-15	2020-08-09	Compounds for inhibiting the activity of SARS-COV-2 spike glycoprotein	Anupkumar Vinod Vidhani; Dinesh Vinod Vidhani;	
277	11035817	2021-06-15	2020-11-09	Method and process to make and use cotton-tipped electrochemical immunosensor for the detection of corona virus	Shimaa Eissa; Mohammed Zourob;	Alfaisal University;
278	11026909	2021-06-08	2020-12-23	Therapy for viral infections including the novel corona virus (COVID-19)	Nadimpally Satyavarahala Raju; Venkata Satya Suresh Attili; Nadimpally Neha Varma; Steven Jerome Moore; Cullen Thomas Moore;	
279	11028132	2021-06-08	2020-07-24	Half-life optimized linker composition	Yitzhak Rosen;	
280	11020474	2021-06-01	2020-08-25	Producing recombinant SARS-CoV-2 spike protein in a pre-fusion state	Yang Xiang; Jun Li;	

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281	11020475	2021-06-01	2020-10-26	Cold-adapted live attenuated severe acute respiratory syndrome coronavirus and vaccine containing the same	Sang-Heui Seo; Yun-Yueng Jang;	The Industry & Academic Cooperation in Chungnam National University (iac);
282	11021531	2021-06-01	2020-05-14	Anti-SARS-Cov-2 antibodies derived from 2GHW	Jacob Glanville; Shahrad Daraeikia; I-Chieh Wang; Sindy Andrea Liao-Chan; Jean-Philippe Bürckert; Sawsan Youssef;	Centivax, Inc.;
283	11007187	2021-05-18	2020-05-11	Medicine for Covid-19 and treatment	Kalervo Väänänen; Lauri Kangas; Matti Rihko;	Therapeutica Borealis Oy;
284	11001901	2021-05-11	2020-03-05	Methods and reagents for the specific and sensitive detection of SARS-CoV-2	Flora Donati; Mélanie Albert; Sylvie Behillil; Vincent Enouf; Sylvie van der Werf;	Institut Pasteur;
285	10987329	2021-04-27	2020-07-02	Combination therapy for coronavirus infections including the novel corona virus (COVID-19)	Nadimpally Satyavarahala Raju; Venkata Satya Suresh Attili; Nadimpally Neha Varma; Steven Jerome Moore; Cullen Thomas Moore;	
286	10973908	2021-04-13	2020-05-14	Expression of SARS-CoV-2 spike protein receptor binding domain in attenuated salmonella as a vaccine	David Gordon Bermudes;	
287	10973909	2021-04-13	2020-04-07	Coronavirus vaccine	Zsolt Csiszovszki; Orsolya Lörincz; Levente Molnár; Péter Páles; Katalin Pántya; Eszter Somogyi; József Tóth; Enikő R Töke;	Peptc Vaccines Limited;
288	10973910	2021-04-13	2020-09-18	Neoglycoconjugates as vaccines and therapeutic tools	Tze Chieh Shiao; Serge Moffett; Serge Mignani; Rene Roy;	Koranex Capital;
289	10967368	2021-04-06	2020-08-19	Method for reducing clinical false positives and negatives in the detection of SARS-CoV-2	Timothy S Moore; Cullen Thomas Moore;	
290	10962529	2021-03-30	2020-12-01	Fluorescent probe based biosensor and assay for the detection of SARS-CoV-2	Hani A Alhadrami; Mohammed Zourob;	King Abdulaziz University;
291	10948490	2021-03-16	2020-07-31	Severe acute respiratory syndrome (SARS)&#x2014;associated coronavirus diagnostics	Sylvie Van Der Werf; Nicolas Escriou; Caroline Demeret; Stéphane Petres; Pierre Lafaye; Jacques Bellalou;	Institut Pasteur;
292	10941453	2021-03-09	2020-05-20	High throughput detection of pathogen RNA in clinical specimens	Zhitong Liu; Chenyu Li; David Debruyne; Guoying Liu;	Paragon Genomics, Inc.;
293	10925806	2021-02-23	2020-08-27	Device for acupuncture and moxibustion therapy and uses thereof	Xunhua Zhang;	
294	10905698	2021-02-02	2020-07-06	Methods of treating SARS-COV-2 infections	Steven Hoffman; John Rothman;	Tyme, Inc.;
295	10905790	2021-02-02	2020-07-22	SARS-CoV-2 combination air purifier and decontamination and bioburden reduction system for surgical masks/respirators	Cullen Thomas Moore; Neha Varma Nadimpally;	
296	10888283	2021-01-12	2020-06-30	COVID-19 symptoms alert machine (CSAM) scanners	Boonsieng Benjauthrit; Sorapod B Benjauthrit; Vatcharee L Benjauthrit; Kamolchanok J Benjauthrit;	
297	10844442	2020-11-24	2020-05-18	Rapid viral assay	Bret T Barnhizer; Jonathan P Faro;	
298	10822379	2020-11-03	2020-05-14	Molecules that bind to SARS-CoV-2	Dimiter Stanchev Dimitrov; Chuan Chen; Dontcho V Jelev; John W Mellors; Wei Li; Zehua Sun;	University of Pittsburgh—of the Commonwealth System of Higher Education;
299	10823746	2020-11-03	2020-05-28	Lateral flow immunoassay test reader and method of use	William Busa; Phillip H Coelho; Paul Getchel;	Thermogenesis Holdings, Inc.;
300	10815539	2020-10-27	2020-04-01	Assays for the detection of SARS-CoV-2	Chiara Brambati; Simone Bocchetta; Giulia Minnucci;	Diasorin S.p.a.;

INVENTORS

#	Name	Location	Patents
1	Susanne Rauch	Tübingen, DE	8
2	Hans Wolfgang Große	Tübingen, DE	8
3	Cullen Thomas Moore	Newtown, CT (US)	8
4	Benjamin Petsch	Tübingen, DE	6
5	Timothy S Moore	Newtown, CT (US)	5
6	Etienne Simon-Loriere	Paris, FR	4
7	Matthieu Prot	Paris, FR	4
8	Xavier Montagutelli	Paris, FR	4
9	Mark Klein	Henderson, NV (US)	4
10	Wendell Brown	Henderson, NV (US)	4
11	Dafydd Rhys Owen	Concord, MA (US)	4
12	Matthew Forrest Sammons	Quincy, MA (US)	4
13	Jamison Bryce Tuttle	Marblehead, MA (US)	4
14	Sylvie Van Der Werf	Paris, FR	4
15	Thomas J Kennedy, III	Harwich, MA (US)	4
16	Ruo-Pan Huang	Johns Creek, GA (US)	4
17	Hao Tang	Duluth, GA (US)	4
18	Shuhong Luo	Duluth, GA (US)	4
19	Jianmin Fang	Athens, GA (US)	4
20	Matthias Johannes Schnell	Harleysville, PA (US)	3
21	Drishya Kurup	Philadelphia, PA (US)	3
22	Timothy G Dixon	Oceanside, CA (US)	3
23	Ralph S Baric	Haw River, NC (US)	3
24	Nadimpally Satyavarahala Raju	Hyderabad, IN	3
25	Venkata Satya Suresh Attili	Hyderabad, IN	3
26	Nadimpally Neha Varma	Hyderabad, IN	3
27	Steven Jerome Moore	Newtown, CT (US)	3
28	Yang Xiang	Winchester, MA (US)	3
29	Nathan Tanner	West Newbury, MA (US)	3
30	Yinhua Zhang	North Reading, MA (US)	3
31	Eric Hunt	Danvers, MA (US)	3
32	Gregory Patton	Peabody, MA (US)	3
33	Guoping Ren	Danvers, MA (US)	3
34	Zhiru Li	Lexington, MA (US)	3
35	Andrew Barry	Ipswich, MA (US)	3
36	Nicole Nichols	Reading, MA (US)	3
37	Catherine B Poole	Medford, MA (US)	3
38	Harriet M Strimpel	Manchester, MA (US)	3
39	Ivan R Correa, Jr	Hamilton, MA (US)	3
40	Clotilde Carlow	Ipswich, MA (US)	3
41	Esta Slayton	Epping, NH (US)	3
42	Kalervo Väänänen	Turku, FI	3
43	Lauri Kangas	Lieto, FI	3
44	Matti Rihko	Turku, FI	3
45	Hani A Alhadrami	Jeddah, SA	3

#	Name	Location	Patents
46	Matthew Richard Reese	Mystic, CT (US)	3
47	Patrick Robert Verhoest	Newton, MA (US)	3
48	Qingyi Yang	Lexington, MA (US)	3
49	Gevorg Grigoryan	Arlington, MA (US)	2
50	John Ingraham	Cambridge, MA (US)	2
51	Tze Chieh Shiao	Montreal, CA	2
52	Serge Moffett	St-Laurent, CA	2
53	Serge Mignani	Chatenay-Malabry, FR	2
54	Rene Roy	Terrebonne, CA	2
55	Ugur Sahin	Mainz, DE	2
56	Alptekin Güler	Mainz, DE	2
57	Andreas Kuhn	Mainz, DE	2
58	Alexander Muik	Seeheim-Jugenheim, DE	2
59	Annette Vogel	Mainz, DE	2
60	Kerstin Walzer	Seeheim-Jugenheim, DE	2
61	Sonja Witzel	Bad Vilbel, DE	2
62	Stephanie Hein	Rüsselsheim, DE	2
63	Özlem Türeci	Mainz, DE	2
64	Diana Rose Ranoa	Champaign, IL (US)	2
65	Robin L Holland	Urbana, IL (US)	2
66	Fadi G Alnaji	Urbana, IL (US)	2
67	Kelsie J Green	Champaign, IL (US)	2
68	Leyi Wang	Mahomet, IL (US)	2
69	Christopher B Brooke	Champaign, IL (US)	2
70	Martin D Burke	Champaign, IL (US)	2
71	Timothy M Fan	Mahomet, IL (US)	2
72	Nicole Roth	Tübingen, DE	2
73	Diego Chaves Moreno	Tübingen, DE	2
74	Dominik Vahrenhorst	Tübingen, DE	2
75	Michel Nussenzweig	New York, NY (US)	2
76	Ralph A Tripp	Watkinsville, GA (US)	2
77	Jackelyn Murray	Monroe, GA (US)	2
78	Robert Jeff Hogan	Watkinsville, GA (US)	2
79	Shengjiang Liu	Hayward, CA (US)	2
80	Kayvan Niazi	Culver City, CA (US)	2
81	Robert W Keane	Miami, FL (US)	2
82	W Dalton Dietrich	Miami, FL (US)	2
83	Juan Pablo De Rivero Vaccari	Miami, FL (US)	2
84	Helen M Bramlett	Miami, FL (US)	2
85	Arun K Ghosh	West Lafayette, IN (US)	2
86	Andrew Mesecar	West Lafayette, IN (US)	2
87	Chuangfu Chen	Shihezi, CN	2
88	Peng Wu	Shihezi, CN	2
89	Chencheng Xiao	Shihezi, CN	2
90	Chengyao Li	Shihezi, CN	2

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#	Name	Location	Patents
91	Yong Wang	Shihezi, CN	2
92	Zhen Wang	Shihezi, CN	2
93	Nicolas Escriou	Paris, FR	2
94	Caroline Demeret	Paris, FR	2
95	Stéphane Petres	Paris, FR	2
96	Pierre Lafaye	Paris, FR	2
97	Jacques Bellalou	Paris, FR	2
98	Michael Powell	Douglasville, GA (US)	2
99	Erick Vidjin' Agnih Gbodossou	BP-:6134 Dakar-Etoile, SN	2
100	Flora Donati	Paris, FR	2
101	Mélanie Albert	Paris, FR	2
102	Sylvie Behillil	Paris, FR	2
103	Vincent Enouf	Paris, FR	2
104	Xunhua Zhang	Elmhurst, NY (US)	2
105	Anna Marie Pyle	Guilford, CT (US)	2
106	Akiko Iwasaki	Guilford, CT (US)	2
107	Tianyang Mao	New Haven, CT (US)	2
108	Harold C Smith	Rochester, NY (US)	2
109	Ryan P Bennett	Clifton Springs, NY (US)	2
110	Thomas E Ichim	Oceanside, CA (US)	2
111	Douglas J Morgan	Reno, NV (US)	2
112	Steve Harrison	Naples, FL (US)	2
113	Tanya Rhodes	Largo, FL (US)	2
114	Yan Tan	Saugus, MA (US)	2
115	Andrea Gambotto	Pittsburgh, PA (US)	2
116	Louis Falo, Jr	Wexford, PA (US)	2
117	Eun Kim	Allison Park, PA (US)	2
118	Todd C Zion	Marblehead, MA (US)	2
119	Thomas M Lancaster	Wenham, MA (US)	2
120	Thillainayagam Sathiyaseelan	Lexington, MA (US)	2
121	Kexin Huang	San Mateo, CA (US)	2
122	Kalipada Pahan	Skokie, IL (US)	2
123	Christoph Wirblich	Wernau, DE	2
124	Geoffrey S Dow	Washington, DC (US)	2
125	Devon Paul Scheg	Las Vegas, NV (US)	2
126	Xavier Isaiah Morgan-Lange	North Las Vegas, NV (US)	2
127	Tran Ky Huynh	Ho Chi Minh, VN	2
128	Nam Linh Huynh	Escondido, CA (US)	2
129	Steven Hoffman	Mahwah, NJ (US)	2
130	John Rothman	Lebanon, NJ (US)	2
131	Martin Youngjin Pettersson	Littleton, MA (US)	2
132	Liuqing Wei	Ledyard, CT (US)	2
133	Xiaojing Yang	Waterford, CT (US)	2
134	Devi Kalyan Karumanchi	Chicago, IL (US)	2
135	William D Meadow	Jacksonville, FL (US)	2

#	Name	Location	Patents
136	Dianqing Wu	New Haven, CT (US)	2
137	Ho Yin Lo	Bethel, CT (US)	2
138	Johannes Petrus Maria Langedijk	Amsterdam, NL	2
139	Lucy Rutten	Rijnsburg, NL	2
140	Mark Johannes Gerardus Bakkers	Haarsteeg, NL	2
141	Rinke Bos	Oegstgeest, NL	2
142	Frank Wegmann	Leiden, NL	2
143	David Adrianus Theodorus Maria Zuijdgeest	The Hague, NL	2
144	Dan H Barouch	Newton, MA (US)	2
145	An Vandebosch	Herentals, BE	2
146	Mathieu Claude Michel Le Gars	Antwerp, BE	2
147	Jerald C Sadoff	Washington, DC (US)	2
148	Sarah Rebecca Leist	Carrboro, NC (US)	2
149	Davide Corti	Bellinzona, CH	2
150	Katja Fink	Bellinzona, CH	2
151	Martina Beltramello	Bellinzona, CH	2
152	Elisabetta Cameroni	Bellinzona, CH	2
153	Dora Pinto	Bellinzona, CH	2
154	Gyorgy Snell	San Francisco, CA (US)	2
155	Florian A Lempp	San Francisco, CA (US)	2
156	Amalio Telenti	San Francisco, CA (US)	2
157	Hans Haecker	Salt Lake City, UT (US)	2
158	Vanessa Redecke	Salt Lake City, UT (US)	2
159	Carl Johan Freer	Bloomfield Hills, MI (US)	2
160	Richard Kaszynski	Tokyo, JP	2
161	Alessandro Gadotti	Rome, IT	2
162	Kathryn Westendorf	Vancouver, CA	2
163	Stefanie Zentelis	Vancouver, CA	2
164	Krithika Muthuraman	Toronto, CA	2
165	Kevin Jepson	Vancouver, CA	2
166	Ester Falconer	Vancouver, CA	2
167	John Mascola	Bethesda, MD (US)	2
168	Barney Graham	Bethesda, MD (US)	2
169	Kizzmekia Corbett	Bethesda, MD (US)	2
170	Julie Ledgerwood	Bethesda, MD (US)	2
171	Lingshu Wang	Bethesda, MD (US)	2
172	Olubukola Abiona	Bethesda, MD (US)	2
173	Wei Shi	Bethesda, MD (US)	2
174	Wing-pui Kong	Bethesda, MD (US)	2
175	Yi Zhang	Bethesda, MD (US)	2
176	Bryan Edward Jones	San Diego, CA (US)	2
177	Denisa Foster	San Diego, CA (US)	2
178	Julian Davies	La Jolla, CA (US)	2
179	Qing Chai	San Diego, CA (US)	2
180	Christopher Carl Frye	Bargersville, IN (US)	2

INVENTORS

#	Name	Location	Patents	#	Name	Location	Patents
181	Ganapathy Gopalrathnam	Fishers, IN (US)	2	226	Eduardo Forleo Neto	Greenwich, CT (US)	1
182	Jörg Hendle	San Diego, CA (US)	2	227	Francesco Borriello	Cambridge, MA (US)	1
183	John Michael Sauder	Carlsbad, CA (US)	2	228	Alexis Hiram Ramos	Wilbraham, MA (US)	1
184	Jeffrey Streetman Boyles	Indianapolis, IN (US)	2	229	Shuofeng Yuan	Hong Kong, CN	1
185	Anna Pustilnik	San Diego, CA (US)	2	230	Fuk Woo Jasper Chan	Hong Kong, CN	1
186	Vincent C Bond	Stone Mountain, GA (US)	2	231	Kwok Yung Yuen	Hong Kong, CN	1
187	Ming Bo Huang	Atlanta, GA (US)	2	232	David M Naeger	Gainesville, VA (US)	1
188	James W Lillard, Jr	Smyrna, GA (US)	2	233	Lawrence B Blyn	Abbott Park, IL (US)	1
189	David Gordon Bermudes	Woodland Hills, CA (US)	2	234	Mijung Ji	Seoul, KR	1
190	Yuannian Li	Shanghai, CN	2	235	Stephen Kovacs	Abbott Park, IL (US)	1
191	Wenyi Wang	Shanghai, CN	2	236	Anthony S Muerhoff	Abbott Park, IL (US)	1
192	Ofer A Goren	Irvine, CA (US)	2	237	Stacey P Huth	Scarborough, ME (US)	1
193	John McCoy	Irvine, CA (US)	2	238	Carsten Buening	Gross-Rohrheim, DE	1
194	Morten Otto Alexander Sommer	Hellerup, DK	2	239	Tao Xin	Carlsbad, CA (US)	1
195	Rasmus Toft-Kehler	Hellerup, DK	2	240	Donabel Roberts	Carlsbad, CA (US)	1
196	Anne Katrine Toft-Kehler	Hellerup, DK	2	241	Sung Hee Kim	Gyeonggi-do, KR	1
197	Günter Ditzinger	Hellerup, DK	2	242	Sang Yong Park	Gyeonggi-do, KR	1
198	Mads Jellingsoe	Hellerup, DK	2	243	Robert N Ziemann	Abbott Park, IL (US)	1
199	Philippe Andres	Hellerup, DK	2	244	Michelle Lorraine Rivera	Charlotte, NC (US)	1
200	Matthias Manne Knopp	Hellerup, DK	2	245	Cheuk Lun Leung	Quincy, MA (US)	1
201	Gang Huang	Cincinnati, OH (US)	2	246	Ross Steven Federman	Dorchester, MA (US)	1
202	William Paul Duprex	Pittsburgh, PA (US)	2	247	Robin Jeffrey Green	Cambridge, MA (US)	1
203	Chiara Brambati	Saluggia, IT	2	248	Alexis Hiram Ramos	Cambridge, MA (US)	1
204	Simone Bocchetta	Saluggia, IT	2	249	Jenhan Tao	Cambridge, MA (US)	1
205	Giulia Minnucci	Saluggia, IT	2	250	Christoph Wirblich	Wernau, DE	1
206	Linfa Wang	Singapore, SG	2	251	Mani Gajendiran	Faridabad, IN	1
207	Bret T Barnhizer	Poland, OH (US)	2	252	Ruchi Jain	Faridabad, IN	1
208	Jonathan P Faro	Bellaire, TX (US)	2	253	Arjyabaran Sinha	Faridabad, IN	1
209	Kaicheng Zhu	Belmont, MA (US)	1	254	Koushik Bhowmik	Faridabad, IN	1
210	Tao Wang	Berkeley Heights, NJ (US)	1	255	Om Parkash	Faridabad, IN	1
211	Jiajun Zhang	Cambridge, MA (US)	1	256	Mukesh Kumar Vyas	Faridabad, IN	1
212	Hui Cao	Belmont, MA (US)	1	257	Jyotiranjana Ota	Faridabad, IN	1
213	Ruichao Shen	Belmont, MA (US)	1	258	Samik Kumar Hait	Faridabad, IN	1
214	Guoqiang Wang	Belmont, MA (US)	1	259	Vivekanand Kagdiyal	Faridabad, IN	1
215	George G Wu	Waltham, MA (US)	1	260	Deepak Saxena	Faridabad, IN	1
216	Yat Sun Or	Waltham, MA (US)	1	261	Sankara Sri Venkata Ramakumar	Faridabad, IN	1
217	Inanc Ortac	San Diego, CA (US)	1	262	Omonike A Olaleye	Houston, TX (US)	1
218	Samit Ganguly	Elmsford, NY (US)	1	263	Jonathan A Bohmann	San Antonio, TX (US)	1
219	Jennifer Hamilton	Ridgefield, CT (US)	1	264	Nadean M Gutierrez	Devine, TX (US)	1
220	Gary Herman	Princeton, NJ (US)	1	265	Joseph A McDonough	Helotes, TX (US)	1
221	Andrea Hooper	Port Chester, NY (US)	1	266	Robert Francis Campbell	Edgemere, MD (US)	1
222	Flonza Isa	Yonkers, NY (US)	1	267	Michael Gordon Joyce	Silver Spring, MD (US)	1
223	Meagan O'Brien	New York, NY (US)	1	268	Rekha Panchal	Fort Detrick, MD (US)	1
224	Sumathi Sivapalasingam	Brooklyn, NY (US)	1	269	Rajeshwer Sankhala	Bethesda, MD (US)	1
225	Kenneth Turner	Ridgefield, CT (US)	1	270	Allen Duplantier	Stafford, VA (US)	1

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#	Name	Location	Patents	#	Name	Location	Patents
271	Thomas Ichim	Oceanside, CA (US)	1	316	Yushuan Lai	San Jose, CA (US)	1
272	Famela Ramos	Oceanside, CA (US)	1	317	Robin Emig	Pleasanton, CA (US)	1
273	Wais Kaihani	Oceanside, CA (US)	1	318	John Beaber	Redwood City, CA (US)	1
274	Madhavan Pisharodi	Brownsville,, TX (US)	1	319	Steven Henry	San Mateo, CA (US)	1
275	Sunanda Singh	Lutz, FL (US)	1	320	Marco Antonio Mena	Santa Clara, CA (US)	1
276	Alexander Green	Boston, MA (US)	1	321	Ki-Hun Jeong	Daejeon, KR	1
277	Keith Pardee	Toronto, CA	1	322	Charles Soon Hong Hwang	Daejeon, KR	1
278	Margot Karlikow	Toronto, CA	1	323	Melicia R Gainey	Columbus, OH (US)	1
279	Kaiyue Wu	Tempe, AZ (US)	1	324	Dalia Natour	Columbus, OH (US)	1
280	Masoud Norouzi	Toronto, CA	1	325	Michael Lelah	Chicago, IL (US)	1
281	Deependra Kumar Ban	San Diego, CA (US)	1	326	Qihan Li	Kunming, CN	1
282	Ratnesh Lal	La Jolla, CA (US)	1	327	Kaili Ma	Kunming, CN	1
283	Gennadi Glinskii	La Jolla, CA (US)	1	328	Yanmei Li	Kunming, CN	1
284	Prabhakar R Bandaru	San Diego, CA (US)	1	329	Jingjing Zhang	Kunming, CN	1
285	Sunil Srivastava	La Jolla, CA (US)	1	330	Lichun Wang	Kunming, CN	1
286	Scott John	Los Angeles, CA (US)	1	331	Changyong Mu	Kunming, CN	1
287	Tyler Bodily	La Jolla, CA (US)	1	332	Xiaowu Peng	Kunming, CN	1
288	Abhijith Karkisaval Ganapati	La Jolla, CA (US)	1	333	Yanrui Su	Kunming, CN	1
289	Manoj P Jadhav	Hillsborough, NJ (US)	1	334	Chang'e Liu	Kunming, CN	1
290	Ramakrishna Devarakonda	Richmond, TX (US)	1	335	Liping He	Kunming, CN	1
291	Sydney David Cullis-Hill	Bondi Junction, AU	1	336	Lin Feng	Kunming, CN	1
292	Matias Ricardo Gutiérrez Mostafá	Ñuñoa Santiago, CL	1	337	Dongxiu Gao	Kunming, CN	1
293	Chantal Loretto Márquez Badilla	Ñuñoa Santiago, CL	1	338	An Wang	Kunming, CN	1
294	Ana Cecilia Morán	Ñuñoa Santiago, CL	1	339	Hongbing Li	Kunming, CN	1
295	Yong Hu	Shenzhen, CN	1	340	Gang Xu	Kunming, CN	1
296	Herman David Palmieri	Pittsburgh, PA (US)	1	341	Fuyun He	Kunming, CN	1
297	Robert Steven Kania	Del Mar, CA (US)	1	342	Lichun Zheng	Kunming, CN	1
298	Padmavani Bezawada	Vernon Hills, IL (US)	1	343	Hongkun Yi	Kunming, CN	1
299	Emma Louise Hawking	Deal, GB	1	344	David Craig Wright	Pacific Grove, CA (US)	1
300	Rohit Jaini	Chicago, IL (US)	1	345	Michael Bowe	Marina, CA (US)	1
301	Samir Kulkarni	East Lyme, CT (US)	1	346	Emily Wright	Covina, CA (US)	1
302	Matthew Nathan O'Brien Laramy	Evanston, IL (US)	1	347	Peter Pushko	Frederick, MD (US)	1
303	Jonathan Richard Lillis	Ramsgate, GB	1	348	Michael Mong	Grapevine, TX (US)	1
304	Suman Luthra	Westford, MA (US)	1	349	Bao Tran	Saratoga, CA (US)	1
305	Klimentina Dimitrova Pencheva	Ramsgate, GB	1	350	Kurt Q Lu	Chicago, IL (US)	1
306	Anil Mahadeo Rane	Mystic, CT (US)	1	351	Livia A Veress	Denver, CO (US)	1
307	Bradley Paul Sullivan	Gurnee, IL (US)	1	352	Kevin D Cooper	Moreland Hills, OH (US)	1
308	Andrew John Thiel	Gurnee, IL (US)	1	353	Amisha Wallia	Chicago, IL (US)	1
309	Martyn David Ticehurst	Wingham, GB	1	354	Chih-Hsiang Leng	Taichung, TW	1
310	Robert Louis Hoffman	San Diego, CA (US)	1	355	Po-Hsu Su	Taichung, TW	1
311	Paul J Hergenrother	Champaign, IL (US)	1	356	Po-Kang Chen	Taichung, TW	1
312	Christopher J Emig	Menlo Park, CA (US)	1	357	Syed Kaleem Ahmed	Hoover, AL (US)	1
313	Rosanna Man Wah Chau	San Mateo, CA (US)	1	358	Shilpa Dutta	Birmingham, AL (US)	1
314	Payam Shahi	Santa Clara, CA (US)	1	359	John Phillip Tillotson	Birmingham, AL (US)	1
315	Kim-Xuan Nguyen	Sunnyvale, CA (US)	1	360	Corinne E Augelli-Szafran	Homewood, AL (US)	1

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#	Name	Location	Patents	#	Name	Location	Patents
361	Ashish Kumar Pathak	Hoover, AL (US)	1	406	Maohua Pan	Gainesville, FL (US)	1
362	Omar Moukha-Chafiq	Hoover, AL (US)	1	407	John Lednicky	Gainesville, FL (US)	1
363	Timothy Patrick Sheahan	Chapel Hill, NC (US)	1	408	Alexandros Demetrios Theodore	Gainesville, FL (US)	1
364	Amy Catherine Sims	Richland, WA (US)	1	409	Zhonghui Hugh Fan	Gainesville, FL (US)	1
365	Mark R Denison	Nashville, TN (US)	1	410	Nima Afshar Mohajer	Baltimore, MD (US)	1
366	Peter M Jenkner	Downers Grove, IL (US)	1	411	Tsong-Long Hwang	Taoyuan, TW	1
367	Christopher R Schultz	Downers Grove, IL (US)	1	412	Yu-Li Chen	Taoyuan, TW	1
368	Jin Kim Montclare	New York, NY (US)	1	413	Yu-Chia Chang	Taoyuan, TW	1
369	Farbod Mahmoudinobar	Harrison, NJ (US)	1	414	Monika Yadav	West Lafayette, IN (US)	1
370	Kamia Punia	Staten Island, NY (US)	1	415	Matthew K Robinson	Blue Bell, PA (US)	1
371	Dustin Robert Britton	Brooklyn, NY (US)	1	416	Pavel Nikitin	Exton, PA (US)	1
372	Vikas Anathy	Essex Junction, VT (US)	1	417	Michael John Morin	Salisbury, MA (US)	1
373	Nicolas Chamberlain	Burlington, VT (US)	1	418	Jillian Dimuzio	Exton, PA (US)	1
374	Amit Kumar	Burlington, VT (US)	1	419	Ray Howanski	Exton, PA (US)	1
375	Dorit Arad	Tel Aviv, IL	1	420	John P Dowling	Willow Grove, PA (US)	1
376	J Christopher Love	Somerville, MA (US)	1	421	Clint Sorensen	St. George, UT (US)	1
377	Sergio Andre Rodriguez Aponte	Cambridge, MA (US)	1	422	Melanie Montgomery	Wickenburg, AZ (US)	1
378	Neil Chandra Dalvie	Cambridge, MA (US)	1	423	Matt Smith	Highland, UT (US)	1
379	Jun Wang	Tucson, AZ (US)	1	424	Constance L Cepko	Boston, MA (US)	1
380	Kuo-I Lin	Taipei, TW	1	425	Brian Anthony Rabe	Boston, MA (US)	1
381	Che Ma	New Taipei, TW	1	426	Jan Remmereit	Hovdebygda, NO	1
382	Chi-Huey Wong	Taipei, TW	1	427	Wenshe Liu	College Station, TX (US)	1
383	Szu-Wen Wang	Taipei, TW	1	428	Kai Yang	College Station, TX (US)	1
384	Yi-Hsuan Chang	Taichung, TW	1	429	Erol Vatansever	College Station, TX (US)	1
385	Xiaorui Chen	Taipei, TW	1	430	Shiqing Xu	College Station, TX (US)	1
386	Han-Yi Huang	Taoyuan, TW	1	431	Mei-Nan Tuan	Taipei, TW	1
387	Iman Almansour	Dammam, SA	1	432	Hien Ly Doan	Taipei, TW	1
388	Patrick Soon-Shiong	Culver City, CA (US)	1	433	Zi-Yi Huang	Kaohsiung, TW	1
389	Peter Sieling	Culver City, CA (US)	1	434	Chia-Yin Lee	Douliu, TW	1
390	Shahrooz Rabizadeh	Culver City, CA (US)	1	435	Thuc Anh Nguyen	Taipei, TW	1
391	Lise Geissert	Culver City, CA (US)	1	436	Regina E Herzlinger	Belmont, MA (US)	1
392	Annie Shin	Culver City, CA (US)	1	437	Richard A Rasansky	Narberth, PA (US)	1
393	Adrian Rice	Culver City, CA (US)	1	438	Kenneth Kelley	Menlo Park, CA (US)	1
394	Elizabeth Gabitzsch	Culver City, CA (US)	1	439	Hiroaki Mitsuya	Kumamoto, JP	1
395	Jeffrey Safrit	Culver City, CA (US)	1	440	Dana Shahabi	West Lafayette, IN (US)	1
396	Leonard Sender	Culver City, CA (US)	1	441	Jinn-Moon Yang	Hsinchu, TW	1
397	Chungl Wu	Guangzhou, CN	1	442	Po-Shiuan Hsieh	Taipei, TW	1
398	Haijun Wen	Guangzhou, CN	1	443	Chih-Heng Huang	Hsinchu, TW	1
399	Bryan J McEntire	Salt Lake City, UT (US)	1	444	Yu-Hsiu Chang	Taipei, TW	1
400	Ryan M Bock	Salt Lake City, UT (US)	1	445	Nikhil Pathak	Hsinchu, TW	1
401	Bhajanjit Singh Bal	Salt Lake City, UT (US)	1	446	Yen-Chao Hsu	Hsinchu, TW	1
402	Jeffrey Khoo	Singapore, SG	1	447	Yun-Ti Chen	Tainan, TW	1
403	Stephan D Glenn	Weston, FL (US)	1	448	Nung-Yu Hsu	Hsinchu, TW	1
404	Chang-Yu Wu	Gainesville, FL (US)	1	449	Khadijah M Al-Zaydi	Jeddah, SA	1
405	Xiao Jiang	Gainesville, FL (US)	1	450	Mostafa A Hussien A Hussein	Jeddah, SA	1

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#	Name	Location	Patents	#	Name	Location	Patents
451	Ahlam Ibrahim Alsulami	Jeddah, SA	1	496	Arnab K Chatterjee	San Diego, CA (US)	1
452	Sergei Svarovsky	San Diego, CA (US)	1	497	Jian Jeffrey Chen	San Diego, CA (US)	1
453	Douglas Lake	Scottsdale, AZ (US)	1	498	Elshan Nakath	La Jolla, CA (US)	1
454	Alim Seit-Nebi	San Diego, CA (US)	1	499	Alireza Rahimi	La Jolla, CA (US)	1
455	Maria González-Moa	San Diego, CA (US)	1	500	Anil Kumar Gupta	San Diego, CA (US)	1
456	Barry E Rothenberg	Del Mar, CA (US)	1	501	Gennadii Grabovyi	La Jolla, CA (US)	1
457	Stephen Yu-Wah Chan	Pittsburgh, PA (US)	1	502	Katy Wilson	La Jolla, CA (US)	1
458	LLoyd David Harvey	Pittsburgh, PA (US)	1	503	Sourav Ghorai	La Jolla, CA (US)	1
459	Paul Ronald Sanberg	Spring Hill, FL (US)	1	504	Armen Nazarian	La Jolla, CA (US)	1
460	Christian Bernard Brechot	Tampa, FL (US)	1	505	James Pedroarena	La Jolla, CA (US)	1
461	Shyam S Mohapatra	Lutz, FL (US)	1	506	Wrickban Mazumdar	La Jolla, CA (US)	1
462	Subhra Mohapatra	Lutz, FL (US)	1	507	Frank Weiss	La Jolla, CA (US)	1
463	Warren I Jackson	Wilmington, NC (US)	1	508	Lirui Song	San Diego, CA (US)	1
464	Henry Winchester	Newtown Square, PA (US)	1	509	Malina A Bakowski	La Jolla, CA (US)	1
465	Kalina O'Connor	Oceanside, CA (US)	1	510	Laura Riva	San Diego, CA (US)	1
466	Ivet Bahar	Wexford, PA (US)	1	511	Karen Wolff	Encinitas, CA (US)	1
467	Hongying Cheng	Pittsburgh, PA (US)	1	512	Case W McNamara	San Marcos, CA (US)	1
468	She Zhang	Pittsburgh, PA (US)	1	513	Thomas F Rogers	Del Mar, CA (US)	1
469	Rebecca Porritt	Sherman Oaks, CA (US)	1	514	Jacqueline Malvin	San Diego, CA (US)	1
470	Moshe Arditi	Encino, CA (US)	1	515	Shuangwei Li	San Diego, CA (US)	1
471	Ellen R Goldman	Germantown, MD (US)	1	516	Sean Joseph	San Diego, CA (US)	1
472	George P Anderson	Bowie, MD (US)	1	517	Ashley Woods	San Diego, CA (US)	1
473	Jinny L Liu	Ellicot City, DC (US)	1	518	Yuyin Liu	San Diego, CA (US)	1
474	Thomas J Esparza	Frederick, MD (US)	1	519	Neechi Okwor	Del Mar, CA (US)	1
475	Qian Gao	Concord, CA (US)	1	520	Subramanian V Iyer	Royal Palm Beach, FL (US)	1
476	Ravi Kaul	Davis, CA (US)	1	521	Satishchandran Chandrasekhar	Jupiter, FL (US)	1
477	Shuxia Zhou	Benicia, CA (US)	1	522	Uday Saxena	Bengaluru, IN	1
478	Roger P Walker	Benicia, CA (US)	1	523	Gopi Kadiyala	Karnataka, IN	1
479	Xiao Ding	Shanghai, CN	1	524	Sandeep Kumar Vashist	Aachen, DE	1
480	Jingjing Peng	Shanghai, CN	1	525	Lionel Gilles Guiffo Djoko	Auckland, NZ	1
481	Feng Ren	Shanghai, CN	1	526	Bhavesb Govind	Auckland, NZ	1
482	Xiaoyu Ding	Shanghai, CN	1	527	Gongyi Zhang	Englewood, CO (US)	1
483	Bogdan Zagribelnyy	Moscow, RU	1	528	Andreas Meinke	Pressbaum, AT	1
484	Yan A Ivanenkov	Moscow, RU	1	529	Michael Möhlen	Vienna, AT	1
485	Norman Zhennan Lai	N. Potomac, MD (US)	1	530	Christoph Reinisch	Siegenfeld, AT	1
486	Yuebin Tan	Gaithersburg, MD (US)	1	531	Robert Schlegl	Siegenfeld, AT	1
487	Ying Wang	Washington, DC (US)	1	532	Christian Taucher	Vienna, AT	1
488	Thomas C Evans, Jr	Topsfield, MA (US)	1	533	John Campbell	Emeryville, CA (US)	1
489	Subhash Dhawan	Gaithersburg, MD (US)	1	534	David Novack	Emeryville, CA (US)	1
490	Oscar Juarez	Buffalo Grove, IL (US)	1	535	Robert S Janssen	Emeryville, CA (US)	1
491	Karina Tuz	Buffalo Grove, IL (US)	1	536	Jürgen Heindl-Wruss	Vienna, AT	1
492	David Do Le Minh	Mokena, IL (US)	1	537	Andrew Ball	Billerica, MA (US)	1
493	Jintae Lee	Daegu, KR	1	538	Lei Chang	Billerica, MA (US)	1
494	Jungyeob Ham	Gangneung-si, KR	1	539	Syrena Fernandes	Billerica, MA (US)	1
495	Taejung Kim	Gangneung-si, KR	1	540	Joe Johnson	Billerica, MA (US)	1

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#	Name	Location	Patents	#	Name	Location	Patents
541	Jeremy Lambert	Billerica, MA (US)	1	586	Miguel de los Rios	Del Mar, CA (US)	1
542	Dawn Mattoon	Billerica, MA (US)	1	587	John Hood	Del Mar, CA (US)	1
543	Tatiana Plavina	Billerica, MA (US)	1	588	Anita Difrancesco	San Diego, CA (US)	1
544	David Wilson	Billerica, MA (US)	1	589	Deepa Chitre	Los Gatos, CA (US)	1
545	Jianfu Wang	Union City, CA (US)	1	590	Debendranath Dey	Fremont, CA (US)	1
546	Nan Zhang	Pleasanton, CA (US)	1	591	Satej R Nadkarni	San Jose, CA (US)	1
547	Shuo Chen	Milpitas, CA (US)	1	592	Ilse Roodink	Loenen, NL	1
548	Jin Vale Wu	Union City, CA (US)	1	593	Yasmina Noubia Abdiche	Redwood City, CA (US)	1
549	Stephen J Kuperberg	New York, NY (US)	1	594	Jennifer L Bath	Plymouth, MN (US)	1
550	Tomas Cihlar	Burlingame, CA (US)	1	595	Bradley S Galer	West Chester, PA (US)	1
551	Anuoluwapo Osinusi	Foster City, CA (US)	1	596	Harry Larson	Las Vegas, NV (US)	1
552	Danielle L Porter	Burlingame, CA (US)	1	597	Anwar M Hashem	Jeddah, SA	1
553	Jian Yan	Wallingford, PA (US)	1	598	Mohamed A Alfaleh	Jeddah, SA	1
554	Kate Broderick	San Diego, CA (US)	1	599	Turki S Abujamel	Jeddah, SA	1
555	David Weiner	Merion, PA (US)	1	600	Sawsan S Alamri	Jeddah, SA	1
556	Kar Muthumani	Cherry Hill, NJ (US)	1	601	Abdullah Algaissi	Jeddah, SA	1
557	Ami Patel	Philadelphia, PA (US)	1	602	Khalid A Alluhaybi	Jeddah, SA	1
558	Thomas M Fishbein	Columbia, MD (US)	1	603	Sameh S M Soliman	Sharjah, AE	1
559	Khalid M Khan	Potomac, MD (US)	1	604	Bahgat Fayed	Sharjah, AE	1
560	Alexander H Kroemer	Washington, DC (US)	1	605	Rania Hamdy	Sharjah, AE	1
561	Alexandre Vasilievich Ivachtchenko	Hallandale, FL (US)	1	606	Ahmed M Almehdi	Sharjah, AE	1
562	Andrey Alexandrovich Ivashchenko	Moscow, RU	1	607	Mitchell Lynn Tate	Surprise, AZ (US)	1
563	Alena Alexandrovna Ivachtchenko	Hallandale, FL (US)	1	608	Wei Gao	Pasadena, CA (US)	1
564	Ilya Andreevich Ivachtchenko	Moscow region, RU	1	609	Rebeca M Torrente-Rodriguez	Pasadena, CA (US)	1
565	Nikolay Filippovich Savchuk	Rancho Santa Fe, CA (US)	1	610	Heather Lukas	Pasadena, CA (US)	1
566	Xiwen Jiang	Guangdong, CN	1	611	Sik Piu Kwan	Suwanee, GA (US)	1
567	Jian Fan	Guangdong, CN	1	612	Gene H Zaid	Hutchinson, KS (US)	1
568	Hailong Peng	Guangdong, CN	1	613	Robert Preston Moore	Great Bend, KS (US)	1
569	Rongyu Peng	Guangdong, CN	1	614	Cameron E West	Sterling, KS (US)	1
570	Meijie Tang	Cupertino, CA (US)	1	615	Jason H West	Hutchinson, KS (US)	1
571	Hongjie Dai	Cupertino, CA (US)	1	616	Krishna Mohan Donavalli	Wichita, KS (US)	1
572	Tiancheng Liu	Union City, CA (US)	1	617	Ahmed M Sayed	Beni-Suef, EG	1
573	Jessica Hsiung	Livermore, CA (US)	1	618	Hossam M Hassan	Beni-Suef, EG	1
574	Jessica Kost	Santa Clara, CA (US)	1	619	Usama R Abdelmohsen	Minia, EG	1
575	Deepika Sreedhar	San Jose, CA (US)	1	620	Mostafa E Rateb	Paisley, GB	1
576	Su Zhao	Santa Clara, CA (US)	1	621	Alan Chang	Severn, MD (US)	1
577	Ibrahim Saud Almishari	Durrat Al-Bahrain, BH	1	622	Fabrizio Maria Anella	Hong Kong, CN	1
578	Christopher J Burns	Malvern, PA (US)	1	623	Clement M Lee	Hong Kong, CN	1
579	Glen Coburn	Bethel, CT (US)	1	624	Bing Lou Wong	Irvine, CA (US)	1
580	Guo-Hua Chu	Exton, PA (US)	1	625	Hoe-Yune Jung	Pohang-si, KR	1
581	Stephen M Condon	Glenmoore, PA (US)	1	626	Heonjong Lee	Incheon, KR	1
582	Steven A Boyd	Chester Springs, PA (US)	1	627	Dohyun Lee	Pohang-si, KR	1
583	Daniel C Pevear	Downingtown, PA (US)	1	628	Alaa F Nahhas	Jeddah, SA	1
584	Daljit Singh Dhanoa	Del Mar, CA (US)	1	629	Thomas Webster	Jeddah, SA	1
585	Davide F Robbiani	New York, NY (US)	1	630	Joan M Fallon	White Plains, NY (US)	1

INVENTORS

#	Name	Location	Patents	#	Name	Location	Patents
631	Matthew Heil	Sherman, CT (US)	1	676	Trevor Chandler	Thornton, CO (US)	1
632	James J Fallon	Armonk, NY (US)	1	677	Michael Brown	Golden, CO (US)	1
633	Janice Hughes	Boulder, CO (US)	1	678	Joshua Eng-Morris	Denver, CO (US)	1
634	Paul J Hergenrother	Champaign, IL (US)	1	679	Joshua K Goetz	Denver, CO (US)	1
635	Seyedeh Shourideh	St. Johns, FL (US)	1	680	Bertrand Victor Gilbert Georges	Leeds, GB	1
636	Charles Hendrix	Jacksonville, FL (US)	1	681	M Scot Roberts	Gaithersburg, MD (US)	1
637	Marc Rose	Los Gatos, CA (US)	1	682	Christofer Toumazou	London, GB	1
638	Michelle Kelly	Oak Brook, IL (US)	1	683	Manfred Gröppel	Erlangen, DE	1
639	Harold Kenneth Dinnon, III	Chapel Hill, NC (US)	1	684	Daniel Vitt	Germering, DE	1
640	Yixuan Hou	Chapel Hill, NC (US)	1	685	Hella Kohlhof	Munich, DE	1
641	Mahmoud F Y Al Ahmad	Al Ain, AE	1	686	Andreas Mühler	Munich, DE	1
642	Tahir A Rizvi	Al Ain, AE	1	687	Fabio E S Souza	Mississauga, CA	1
643	Farah Mustafa	Al Ain, AE	1	688	Alexander J Stirk	Cambridge, CA	1
644	Mahmoud Kandeel Elsayed	Al-Ahsa, SA	1	689	Allan W Rey	Brantford, CA	1
645	Mizuki Yamamoto	Kanagawa, JP	1	690	Michael Wan Cho	Ames, IA (US)	1
646	Jin Gohda	Kanagawa, JP	1	691	Amit Khandhar	Seattle, WA (US)	1
647	Jun-Ichiro Inoue	Tokyo, JP	1	692	Steven Reed	Seattle, WA (US)	1
648	Yasushi Kawaguchi	Tokyo, JP	1	693	Malcolm Duthie	Seattle, WA (US)	1
649	Hyung-Joo Kwon	Cheongju, KR	1	694	Jesse Erasmus	Seattle, WA (US)	1
650	Abdulla Al-Taher	Al-Ahsa, SA	1	695	Darrick Carter	Seattle, WA (US)	1
651	Brian Hetrick	Manassas, VA (US)	1	696	Bryan J Berube	Seattle, WA (US)	1
652	Yuntao Wu	Manassas, VA (US)	1	697	Adam Gross	Santa Monica, CA (US)	1
653	Haitao Yang	Shanghai, CN	1	698	Andrew Nowak	Los Angeles, CA (US)	1
654	Zhenming Jin	Shanghai, CN	1	699	Ashley Dustin	Los Angeles, CA (US)	1
655	Xiuna Yang	Shanghai, CN	1	700	Jason Graetz	Calabasas, CA (US)	1
656	Yao Zhao	Shanghai, CN	1	701	John Vajo	West Hills, CA (US)	1
657	Zihe Rao	Shanghai, CN	1	702	Eric Holmes	Tallahassee, FL (US)	1
658	Patrick Amstutz	Kilchberg, CH	1	703	Gary Ostrander	Tallahassee, FL (US)	1
659	Valerie Perrine Calabro	Bergdietikon, CH	1	704	Zheng Zhang	Shenzhen, CN	1
660	Marcel Walser	Winterthur, CH	1	705	Linqi Zhang	Beijing, CN	1
661	Ioannis Papasotiriou	Oberageri, CH	1	706	Lei Liu	Shenzhen, CN	1
662	Rohit Bhartia	Altadena, CA (US)	1	707	Qi Zhang	Beijing, CN	1
663	Michael R Reid	Newport Beach, CA (US)	1	708	Bin Ju	Shenzhen, CN	1
664	William F Hug	Altadena, CA (US)	1	709	Xuanling Shi	Beijing, CN	1
665	Ray D Reid	Glendora, CA (US)	1	710	Qing Zhu	Beijing, CN	1
666	Cheng Liu	Orinda, CA (US)	1	711	Fritz M Schomburg	Madison, WI (US)	1
667	Hongbing Zhang	Moraga, CA (US)	1	712	David M Rancour	Madison, WI (US)	1
668	Zhiyuan Yang	Albany, CA (US)	1	713	James E Crowe, Jr	Nashville, TN (US)	1
669	Jingyi Xiang	Walnut Creek, CA (US)	1	714	Seth Zost	Nashville, TN (US)	1
670	Ziyu Cui	Moraga, CA (US)	1	715	Robert Carnahan	Nashville, TN (US)	1
671	Jianying Liu	Albany, CA (US)	1	716	Pavlo Gilchuk	Nashville, TN (US)	1
672	Vincent T Bicocca	South San Francisco, CA (US)	1	717	Aziz Gauhar	Hitchin, GB	1
673	Trevor Gilpin Levin	South San Francisco, CA (US)	1	718	Cyril V Privezentzev	Sawston, GB	1
674	Drora Shevy	Pasadena, CA (US)	1	719	Pawel Stocki	Royston, GB	1
675	Alexander Poltorak	Monsey, NY (US)	1	720	Julia Lynn Rutkowski	Bryn Mawr, PA (US)	1

INVENTORS

#	Name	Location	Patents	#	Name	Location	Patents
721	Jiro Yasuda	Nagasaki, JP	1	766	Kyle Rhoden	Omaha, NE (US)	1
722	Rokusuke Yoshikawa	Nagasaki, JP	1	767	Susan Jisoon Lee	South San Francisco, CA (US)	1
723	Haruka Abe	Nagasaki, JP	1	768	Bryan Thomas Barney	San Jose, CA (US)	1
724	Liangjie Dong	Honolulu, HI (US)	1	769	Sima Mortazavi	East Palo Alto, CA (US)	1
725	Rashida A Karmali	Brooklyn, NY (US)	1	770	Adam Forrest Allred	San Carlos, CA (US)	1
726	Christopher T Ellerbrake	Lebanon, IL (US)	1	771	Henrik Gehrmann	Newark, CA (US)	1
727	Karce Daniel Rose	Healdsburg, CA (US)	1	772	Kenneth Harold Dinnon, III	Chapel Hill, NC (US)	1
728	Seth David Rose	Tempe, AZ (US)	1	773	Kelly Li	San Jose, CA (US)	1
729	Neil Kempton Stone	Healdsburg, CA (US)	1	774	Ioanna Pagani	Oakland, CA (US)	1
730	Erich Gulbins	Essen, DE	1	775	Pius Brzoska	Woodside, CA (US)	1
731	Natasha Louise Tilston-Lunel	Pittsburgh, PA (US)	1	776	Jisheng Li	Pleasanton, CA (US)	1
732	Shamkumar Nambulli	Bridgeville, PA (US)	1	777	Chunling Wang	Redwood City, CA (US)	1
733	Allen B Chefitz	New Rochelle, NY (US)	1	778	Kathleen Hayashibara	Cupertino, CA (US)	1
734	Do Hyun Na	Seoul, KR	1	779	Michael Tanner	South San Francisco, CA (US)	1
735	Kyung Pyo Kang	Seoul, KR	1	780	Hong Ji	Danville, CA (US)	1
736	Jin Hwan Jun	Seoul, KR	1	781	Kamini Varma	Saratoga, CA (US)	1
737	Geon Go	Seoul, KR	1	782	Fangqi Hu	Palo Alto, CA (US)	1
738	Hyeon Jun Na	Seoul, KR	1	783	Robert Tebbs	Austin, TX (US)	1
739	Sang Jin Kang	Seoul, KR	1	784	Raymond F Schinazi	Atlanta, GA (US)	1
740	Young Hyun Na	Seoul, KR	1	785	Keivan Zandi	Atlanta, GA (US)	1
741	Se Jin Yoon	Seoul, KR	1	786	Franck Amblard	Atlanta, GA (US)	1
742	Su Ji Na	Seoul, KR	1	787	Sobin Chang	New York, NY (US)	1
743	Mitra Mosharraf	Danville, CA (US)	1	788	Daniel J Nevriy	Great Falls, VA (US)	1
744	Aryo Sorayya	Danville, CA (US)	1	789	Saiprasad Sankaranarayanan	New York, NY (US)	1
745	Rajiv Nayar	Danville, CA (US)	1	790	Hyun Jang	Ansan-si, KR	1
746	Raya Soltane	Jeddah, SA	1	791	Bo-Kyoung Jung	Busan, KR	1
747	Ahlam Alasiri	Jeddah, SA	1	792	Yong-Hee An	Sejong, KR	1
748	Hichem Ben Jannet	Jeddah, SA	1	793	Michael David Kuo	Scottsdale, AZ (US)	1
749	Karim Chouaib	Jeddah, SA	1	794	Suresh Kuchipudi	State College, PA (US)	1
750	Amani Chrouda	Jeddah, SA	1	795	Bomi Framroze	Menlo Park, CA (US)	1
751	Ahmed Mostafa	Jeddah, SA	1	796	Jeffrey A Gelfand	Cambridge, MA (US)	1
752	Rami Adel Pashameah	Jeddah, SA	1	797	Tuhin Das	Peachtree Corners, GA (US)	1
753	David Evander Anderson	Newton, MA (US)	1	798	Zairen Sun	Rockville, MD (US)	1
754	Anne-Catherine Fluckiger	Saint Genis les Ollières, FR	1	799	Richard Heller	Tampa, FL (US)	1
755	Gillian Sue Dite	Thornbury, AU	1	800	Loree C Heller	Tampa, FL (US)	1
756	Nicholas Mark Murphy	Point Cook, AU	1	801	Mark Jeffery Jaroszeski	Wesley Chapel, FL (US)	1
757	Richard Allman	Manor Lakes, AU	1	802	Deepta Bhattacharya	Tucson, AZ (US)	1
758	Luis Cruz Rodriguez	Tampa, FL (US)	1	803	Ryan Sprissler	Tucson, AZ (US)	1
759	Sasan Amini	Redwood City, CA (US)	1	804	Janko Nikolich-Zugich	Tucson, AZ (US)	1
760	Ramin Khaksar	Redwood City, CA (US)	1	805	Matthew Kaplan	Tucson, AZ (US)	1
761	Michael Taylor	Kensington, MD (US)	1	806	Tyler Ripperger	Tucson, AZ (US)	1
762	Prasanna Thwar Krishnan	San Jose, CA (US)	1	807	Jennifer Uhrlaub	Tucson, AZ (US)	1
763	David Tran	Santa Rosa, CA (US)	1	808	Makiko Watanabe	Tucson, AZ (US)	1
764	Shaokang Zhang	Union City, CA (US)	1	809	Rachel Wong	Tucson, AZ (US)	1
765	Shadi Shokralla	Danville, CA (US)	1	810	Alexander P Rafalovich	Sarasota, FL (US)	1

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#	Name	Location	Patents	#	Name	Location	Patents
811	Vladimir G Bulygin	Saint-Petersburg, RU	1	856	Vatcharee L Benjauthrit	La Canada, CA (US)	1
812	Daniil V Golubev	Saint-Petersburg, RU	1	857	Kamolchanok J Benjauthrit	La Canada, CA (US)	1
813	Vladislav K Spiridonov	Saint-Petersburg, RU	1	858	Dimiter Stanchev Dimitrov	Pittsburgh, PA (US)	1
814	Tania Konry	Boston, MA (US)	1	859	Chuan Chen	Pittsburgh, PA (US)	1
815	Ji Won Lim	Boston, MA (US)	1	860	Dontcho V Jelev	Rockville, MD (US)	1
816	Gerardine G Botte	Lubbock, TX (US)	1	861	John W Mellors	Pittsburgh, PA (US)	1
817	Ashwin Ramanujam	Lubbock, TX (US)	1	862	Wei Li	Pittsburgh, PA (US)	1
818	James Arthur Graham, Jr	Chicago, IL (US)	1	863	Zehua Sun	Pittsburgh, PA (US)	1
819	Ghobad Heidari-Bateni	San Diego, CA (US)	1	864	William Busa	Bahama, NC (US)	1
820	Stanton C Braden	San Diego, CA (US)	1	865	Phillip H Coelho	Sacramento, CA (US)	1
821	Craig Martin Gregersen	Apple Valley, MN (US)	1	866	Paul Getchel	El Dorado Hills, CA (US)	1
822	Nadya Andini	Livermore, CA (US)	1				
823	Kathy Chiu	Irvine, CA (US)	1				
824	Xuewen Jiang	Cupertino, CA (US)	1				
825	Hédia Maamar	El Dorado Hills, CA (US)	1				
826	Anupkumar Vinod Vidhani	Vadodara, IN	1				
827	Dinesh Vinod Vidhani	Hollywood, FL (US)	1				
828	Shimaa Eissa	Riyadh, SA	1				
829	Mohammed Zourob	Riyadh, SA	1				
830	Yitzhak Rosen	Highland Park, NJ (US)	1				
831	Jun Li	Wuhan, CN	1				
832	Sang-Heui Seo	Daejeon, KR	1				
833	Yun-Yueng Jang	Daejeon, KR	1				
834	Jacob Glanville	San Francisco, CA (US)	1				
835	Shahrad Daraeikia	San Francisco, CA (US)	1				
836	I-Chieh Wang	San Bruno, CA (US)	1				
837	Sindy Andrea Liao-Chan	San Jose, CA (US)	1				
838	Jean-Philippe Bürockert	Belmont, CA (US)	1				
839	Sawsan Youssef	Menlo Park, CA (US)	1				
840	Zsolt Csiszovszki	Budapest, HU	1				
841	Orsolya Lörincz	Budapest, HU	1				
842	Levente Molnár	Felsőpakony, HU	1				
843	Péter Páles	Budapest, HU	1				
844	Katalin Pántya	Budapest, HU	1				
845	Eszter Somogyi	Balatonalmádi, HU	1				
846	József Tóth	Győr, HU	1				
847	Enikő R Töke	Felsőpakony, HU	1				
848	Mohammed Zourob	Jeddah, SA	1				
849	Zhitong Liu	Foster City, CA (US)	1				
850	Chenyu Li	Hayward, CA (US)	1				
851	David Debruyne	Foster City, CA (US)	1				
852	Guoying Liu	San Ramon, CA (US)	1				
853	Neha Varma Nadimpally	Hyderabad, IN	1				
854	Boonsieng Benjauthrit	La Canada, CA (US)	1				
855	Sorapod B Benjauthrit	La Canada, CA (US)	1				

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#	Name	Patents
1	Institut Pasteur	8
2	Curevac Se	6
3	King Abdulaziz University	6
4	University of Pittsburgh—of the Commonwealth System of Higher Education	6
5	Openclear, Inc.	4
6	Pfizer Corporation	4
7	Morehouse School of Medicine	4
8	Industrial Polymers and Chemicals, Inc.	4
9	Yale University	4
10	Raybiotech Life, Inc.	4
11	Thomas Jefferson University	3
12	Therapeutic Solutions International, Inc.	3
13	University of North Carolina at Chapel Hill	3
14	New England Biolabs, Inc.	3
15	Flagship Pioneering Innovations Vi, LLC	2
16	Koranex Capital	2
17	Biontech Se	2
18	University of Illinois	2
19	Glaxosmithkline Biologicals Sa	2
20	The Rockefeller University	2
21	University of Georgia Research Foundation, Inc.	2
22	Vanderbilt University	2
23	Avirmax, Inc.	2
24	Arizona Board of Regents on Behalf of the University of Arizona	2
25	University of Miami	2
26	Purdue Research Foundation	2
27	Shihezi University	2
28	Oyagen, Inc.	2
29	University of South Florida	2
30	Clyra Medical Technologies, Inc.	2
31	Akston Biosciences Corporation	2
32	Rush University Medical Center	2
33	Promethium Limited	2
34	Tyme, Inc.	2
35	Persown, Inc.	2
36	Qx Therapeutics Inc.	2
37	Janssen Pharmaceuticals, Inc.	2
38	Beth Israel Deaconess Medical Center, Inc.	2
39	Vir Biotechnology, Inc.	2
40	Curevac Ag	2
41	University of Utah Research Foundation	2
42	Feynman Labs, LLC	2
43	Abcellera Biologies Inc.	2
44	The United States of America,as Represented by the Secretary, Department of Health and Human Services	2
45	Newsoara Biopharma Co., Ltd.	2

#	Name	Patents
46	Union Therapeutics A/s	2
47	Children's Hospital Medical Center	2
48	Therapeutica Borealis Oy	2
49	Diasorin S.p.a.	2
50	National University of Singapore	2
51	Enanta Pharmaceuticals, Inc.	1
52	Sarmal, Inc.	1
53	Regeneron Pharmaceuticals, Inc.	1
54	Generate Biomedicines, Inc.	1
55	Versitech, Inc.	1
56	Centre for Virology, Vaccinology and Therapeutics Limited	1
57	Pharsoln, Inc.	1
58	Abbott Rapid Diagnostics International Unlimited Company	1
59	Phenom Pharmaceuticals, LLC	1
60	Indian Oil Corporation Limited	1
61	Texas Southern University	1
62	Southwest Research Institute	1
63	The Government of the United States, As Represented by the Secretary of the Army	1
64	The Henry M. Jackson Foundation for the Advancement of Military Medicine Inc.	1
65	Perumala Holdings, LLC	1
66	Singh Biotechnology, LLC	1
67	Arizona Board of Regents on Behalf of Arizona State University	1
68	The Governing Council of the University of Toronto	1
69	Genosur, LLC	1
70	Shenzhen Rhegen Biotechnology Co., Ltd.	1
71	Augmenta Biosciences, Inc.	1
72	Korea Advanced Institute of Science and Technology	1
73	Arjuna Natural Pvt. Ltd.	1
74	Weirui Biotechnology (kunming) Co., Ltd.	1
75	Shandong Weigao Litong Biological Products Co., Ltd.	1
76	D4 Labs, LLC	1
77	Northwestern University	1
78	Case Western Reserve University	1
79	University of Colorado	1
80	Adimmune Corporation	1
81	Southern Research Institute	1
82	Isovac Products LLC	1
83	New York University	1
84	University of Vermont and State Agricultural College	1
85	Nlc Pharma Ltd	1
86	Massachusetts Institute of Technology	1
87	Academia Sinica	1
88	Imam Abdulrahman Bin Faisal University	1
89	Immunitybio, Inc.	1
90	Hangzhou Minsheng Pharmaceutical Co. Ltd	1

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#	Name	Patents
91	Sintx Technologies, Inc.	1
92	Erimos Pharmaceuticals, LLC	1
93	University of Florida Research Foundation, Incorporated	1
94	Chang Gung University of Science and Technology	1
95	Chang Gung University	1
96	Immunome, Inc.	1
97	Wsmef LLC	1
98	President and Fellows of Harvard College	1
99	Lifescience As	1
100	The Texas A&M University System	1
101	Global Preventive Medicine Biotech Company Limited	1
102	Xcmr, Inc.	1
103	National Yang Ming Chiao Tung University	1
104	Sapphire Biotech, Inc.	1
105	Billups-rothenberg, Inc.	1
106	Abclonal Science, Inc.	1
107	Cedars-sinai Medical Center	1
108	The Government of the United States of America, As Represented by the Secretary of the Navy	1
109	Bio-rad Laboratories, Inc.	1
110	Insilico Medicine IP Limited	1
111	Vast Sea Biotechnology, Inc.	1
112	Illinois Institute of Technology	1
113	Research Cooperation Foundation of Yeungnam University	1
114	Korea Institute of Science and Technology	1
115	The Scripps Research Institute	1
116	Lay Sciences, Inc.	1
117	Pictor Limited	1
118	Valneva Austria GmbH	1
119	Dynavax Technologies Corporation	1
120	Quanterix Corporation	1
121	Nantcell, Inc.	1
122	Novodiag, Inc.	1
123	Gilead Sciences, Inc.	1
124	Inovio Pharmaceuticals, Inc.	1
125	The Wistar Institute of Anatomy & Biology	1
126	Medstar Health	1
127	Asavi LLC	1
128	Daan Gene Co., Ltd.	1
129	Nirmidas Biotech, Inc.	1
130	Venatorx Pharmaceuticals, Inc.	1
131	Therapeutica Borealis Oy C/o Avance Attorneys Ltd.	1
132	60 Degrees Pharmaceuticals, LLC	1
133	Endeavor Biomedicines, Inc.	1
134	Bioved Pharmaceuticals, Inc.	1
135	Talem Therapeutics LLC	1

#	Name	Patents
136	Zogenix International Limited	1
137	University of Sharjah	1
138	California Institute of Technology	1
139	Ncr Corporation	1
140	Ankh Life Sciences Limited	1
141	Betagen Scientific Limited	1
142	Novmetapharma Co., Ltd.	1
143	Curemark, LLC	1
144	United Arab Emirates University	1
145	King Faisal University	1
146	George Mason Research Foundation, Inc.	1
147	Shanghaitech University	1
148	Molecular Partners Ag	1
149	R.g.c.c. Holdings Ag	1
150	Photon Systems, Inc.	1
151	Invisishield Technologies Ltd.	1
152	Neuroenhancement Lab, LLC	1
153	Intellisafe LLC	1
154	Altimune, Inc.	1
155	Dnanudge Limited	1
156	Immunic Ag	1
157	Apotex Inc.	1
158	Iowa State University Research Foundation, Inc.	1
159	Hdt Bio Corp.	1
160	Hrl Laboratories, LLC	1
161	Florida State University Research Foundation, Inc.	1
162	Boost Biopharma, Inc.	1
163	Ossianix, Inc.	1
164	Nagasaki University	1
165	Canon Medical Systems Corporation	1
166	Suzhou Kintor Pharmaceuticals, Inc.	1
167	Senturion+ LLC	1
168	Tactical Therapeutics Inc.	1
169	Harbins Ruhr Bioscience, Inc.	1
170	123iv, Inc.	1
171	Medicare Pharmaceuticals Inc.	1
172	Medicare Lc.	1
173	Engimata, Inc	1
174	Variation Biotechnologies Inc.	1
175	Genetic Technologies Limited	1
176	Elidan America, Llc.	1
177	Clear Labs, Inc.	1
178	Life Technologies Corporation	1
179	Emory University	1
180	Libentech Co., Ltd.	1

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#	Name	Patents
181	Ensemble Group Holdings	1
182	The Penn State Research Foundation	1
183	St IP Holding Ag	1
184	Vigene Biosciences, Inc.	1
185	Old Dominion University	1
186	University of Pittsburgh-of the Commonwealth System of Higher Education	1
187	Northeastern University	1
188	Applied Biology, Inc.	1
189	Texas Tech University System	1
190	Talis Biomedical Corporation	1
191	Alfaisal University	1
192	The Industry & Academic Cooperation in Chungnam National University (iac)	1
193	Centivax, Inc.	1
194	Peptc Vaccines Limited	1
195	Paragon Genomics, Inc.	1
196	Thermogenesis Holdings, Inc.	1

ATTORNEYS

#	Name	Patents
1	Arrigo, Lee, Guttman & Mouta-Bellum LLP	8
2	ParkerHighlander PLLC	7
3	Goodwin-Procter LLP	6
4	Withers Worldwide	6
5	Fish & Richardson, P.C.	5
6	Thomas Horstemeyer, LLP.	5
7	Ping Wang	5
8	Sughrue Mion, PLLC	5
9	Saul Ewing LLP	4
10	John A. Wichtowski	4
11	DLA Piper LLP (US)	4
12	Rimon Law	4
13	WCF IP	4
14	Wilson Sonsini Goodrich & Rosati	4
15	Duane-Morris LLP	4
16	Steven M. Hoffberg	4
17	Hamilton, Brook, Smith & Reynolds, P.C.	3
18	Saliwanchik, Lloyd & Eisenschenk	3
19	Casimir Jones, S.C.	3
20	Kathryn Doyle	3
21	Alireza Behrooz	3
22	Manatt, Phelps & Phillips, LLP	3
23	Baumgartner Patent Law	3
24	Marc Baumgartner	3
25	Quarles & Brady LLP	3
26	Bozicevic, Field & Francis LLP	3
27	Choate, Hall & Stewart LLP	3
28	Birch, Stewart, Kolasch & Birch, LLP	3
29	McDonnell Boehnen Hulbert & Berghoff LLP	3
30	Yong Chen	3
31	Umberg Zipser LLP	3
32	Cooley LLP	3
33	Sterne, Kessler, Goldstein & Fox P.L.L.C.	3
34	New England Biolabs, Inc	3
35	Hovey Williams LLP	3
36	Thomas J. Kowalski	3
37	Deborah L. Lu	3
38	Patterson + Sheridan, LLP	3
39	Hoffberg & Associates	3
40	Leydig, Voit & Mayer, Ltd.	3
41	Jeffrey I. Auerbach	3
42	Auerbach Schrot LLC	3
43	Procopio, Cory, Hargreaves & Savitch LLP	2
44	D'Ambrosio & Menon, PLLC	2
45	Usha Menon	2

#	Name	Patents
46	Edward J. Baba	2
47	Brenda Herschbach Jarrell	2
48	Haukaas Fortius PLLC	2
49	Fox Rothschild LLP	2
50	Pabst Patent Group LLP	2
51	Pauley Erickson & Swanson	2
52	Lin Sun-Hoffman	2
53	Liu Chen & Hoffman LLP	2
54	Hodgson Russ LLP	2
55	Oblon, McClelland, Maier & Neustadt, L.L.P.	2
56	Martin Fessenmaier	2
57	Schwegman, Lundberg & Woessner	2
58	Morrison & Foerster LLP	2
59	Nitin Kaushik	2
60	Law Offices of Albert Wai-Kit Chan, PLLC	2
61	Hamre, Schumann, Mueller & Larson, PC.	2
62	Haley Guiliano LLP	2
63	James F. Haley, Jr.	2
64	Mihaela D. Danca	2
65	THE WEBB LAW FIRM	2
66	Michele L. Lawson	2
67	Smith & Hopen, P.A.	2
68	Eric P. Mirabel, JD, LLM	2
69	Dorsey&Whitney LLP	2
70	Taft Stettinius & Hollister LLP	2
71	Joseph M. Bennett-Paris	2
72	PatentVentures	2
73	BakerHostetler LLP	2
74	Dickinson Wright PLLC	2
75	Snell & Wilmer L.L.P.	2
76	Harriet M. Strimpel	2
77	Kilpatrick Townsend & Stockton LLP	2
78	Wiggin and Dana LLP	2
79	Sabatelli; Anthony D.	2
80	Ice Miller LLP	2
81	Myers Bigel, PA.	2
82	Saul Ewing Arnstein & Lehr LLP	2
83	Seed IP Law Group LLP	2
84	Michael Best & Friedrich LLP	2
85	Inventa Capital PLC	2
86	Potomac Law Group, PLLC	2
87	Mintz Levin Cohn Ferris Glovsky and Popeo, PC.	2
88	Frost Brown Todd LLC	2
89	Nicole M. Tepe	2
90	Acker Wood IP Law, LLC	2

ATTORNEYS

#	Name	Patents
91	Gwen R. Acker Wood	2
92	Edgar W. Harlan	1
93	Carolyn S. Elmore	1
94	Elmore Patent Law Group, P.C.	1
95	Schwabe, Williamson & Wyatt, PC.	1
96	Gabe Amodeo	1
97	Banner & Witcoff, Ltd.	1
98	Kelly A. Barton	1
99	Thomas A. Isenbarger	1
100	Workman Nydegger	1
101	Akerman LLP	1
102	Grossman, Tucker, Perreault & Pfleger, PLLC	1
103	Laura M. King	1
104	Matrix Law Group, LLP	1
105	Perkins Coie LLP	1
106	Len Smith	1
107	Denise Brown	1
108	Transformative Legal, LLC	1
109	McCarter & English, LLP	1
110	Yu Lu	1
111	Hailey Law LLC	1
112	Xavier L. Hailey	1
113	Hoffman Warnick LLC	1
114	Michael R. Hinrichsen	1
115	Michael Haukaas	1
116	HelixIP LLP	1
117	Thomas E Lees, LLC	1
118	Stephen T. Scherrer	1
119	Monique A. Morneault	1
120	Scherrer Patent & Trademark Law, P.C.	1
121	Bayramoglu Law Offices LLC	1
122	King&Spalding, LLP	1
123	Ballard Spahr LLP	1
124	Wolf, Greenfield & Sacks, P.C.	1
125	Robert A. Goetz	1
126	Prosyla Group PC	1
127	Polsinelli PC	1
128	Karen Canaan	1
129	CanaanLaw, P.C.	1
130	Hannah Tien	1
131	MS IP Law	1
132	NixonPeabody, LLP	1
133	David S. Resnick	1
134	Alissa R. Young	1
135	J. Mitchell Jones	1

#	Name	Patents
136	Barnes & Thornburg LLP	1
137	William R. Haulbrook	1
138	Peter A. Flynn	1
139	Samuel E. Bliesner	1
140	Blank Rome LLP	1
141	Ashley D. Johnson	1
142	Dogwood Patent and Trademark Law	1
143	Meunier Carlin & Curfman LLC	1
144	US Naval Research Laboratory	1
145	Roy Roberts	1
146	Scully, Scott, Murphy & Presser, PC.	1
147	Knobbe, Martens, Olson & Bear, LLP	1
148	Revolution IP, PLLC	1
149	Jennifer Kisko	1
150	Wei Yan	1
151	Dentons US LLP	1
152	Rimon PC	1
153	Paul D. Strain, Esq.	1
154	Strain & Strain PLLC	1
155	Squire Patton Boggs (US) LLP	1
156	Panitch Schwarze Belisario & Nadel LLP	1
157	Stephany G. Small	1
158	Erin M. Dunston	1
159	Karl Neidert	1
160	K&L Gates LLP	1
161	Louis C Cullman	1
162	Hal Gibson	1
163	Farrell Patent Law PC	1
164	Mark Farrell	1
165	Bret E Field	1
166	Morgan, Lewis & Bockius LLP	1
167	Hayes Soloway P.C.	1
168	PateBaird, PLLC	1
169	Notaro, Michalos & Zaccaria PC.	1
170	John S. Economou	1
171	Idea Intellectual Limited	1
172	Margaret A Burke	1
173	Sam T Yip	1
174	Janet M. Tse	1
175	Michael H. Haukaas	1
176	Withers Bergman LLP	1
177	Boyle Fredrickson, SC.	1
178	Nath, Goldberg & Meyer	1
179	Richard C. Litman	1
180	Pilloff Passino & Cosenza LLP	1

ATTORNEYS

#	Name	Patents
181	Sean A. Passino	1
182	Rachel K. Pilloff	1
183	Harness, Dickey & Pierce, PLC	1
184	Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.	1
185	Dennis R. Smalley	1
186	The Roy Gross Law Firm LLC	1
187	Roy Gross	1
188	Koren Anderson	1
189	Millen, White, Zelano & Branigan, P.C.	1
190	Brion P. Heaney	1
191	McKee, Voorhees & Sease, PLC	1
192	Greenberg Traurig, LLP	1
193	O'Connor & Company	1
194	Jun He Law Offices P.C.	1
195	Zhaohui Wang	1
196	KDB Firm PLLC	1
197	Rashida A. Karmali	1
198	Campbell IP Law LLC	1
199	Dutro E. Campbell, II	1
200	Nixon & Vanderhye P.C.	1
201	Brian A. Pattengale	1
202	Dinsmore&Shohl, LLP	1
203	Weston R. Gould	1
204	David H. Judson	1
205	Caldwell Intellectual Property Law	1
206	Katherine Rubino	1
207	WC&F IP	1
208	Rolando Medina	1
209	Gary J. Gershik	1
210	Albert Bordas, P.A.	1
211	Naira Simmons	1
212	Fisher Broyles, LLP	1
213	Jinhee Chang	1
214	David S. Bradin	1
215	Nexsen Pruet, LLC	1
216	Nevrivy Patent Law Group P.L.L.C.	1
217	Morris, Manning & Martin, LLP	1
218	Global Patent Group, LLC	1
219	Dennis Bennett	1
220	C A Schlecht	1
221	Hoffmann & Baron, LLP	1
222	Lathrop Gpm LLP	1
223	Verrill Dana, LLP	1
224	Buchanan Ingersoll & Rooney PC	1
225	Kristopher Lance Anderson	1

#	Name	Patents
226	Geeta Kadambi	1
227	Riddhi IP LLC	1
228	Eric P. Mirabel	1
229	W&C IP	1
230	Shay Glenn LLP	1
231	Michael D. Eisenberg	1

LOCATIONS

#	Location	Patents
1	Paris, FR	34
2	San Diego, CA (US)	31
3	Tübingen, DE	27
4	Jeddah, SA	22
5	Bethesda, MD (US)	19
6	Kunming, CN	18
7	La Jolla, CA (US)	17
8	Newtown, CT (US)	16
9	Pittsburgh, PA (US)	15
10	Hellerup, DK	14
11	Shanghai, CN	13
12	Shihezi, CN	12
13	Faridabad, IN	11
14	Culver City, CA (US)	11
15	Cambridge, MA (US)	10
16	Seoul, KR	10
17	Mainz, DE	10
18	Champaign, IL (US)	10
19	Hyderabad, IN	10
20	Bellinzona, CH	10
21	Oceanside, CA (US)	9
22	Tucson, AZ (US)	9
23	Taipei, TW	9
24	New York, NY (US)	8
25	Henderson, NV (US)	8
26	Miami, FL (US)	8
27	Lexington, MA (US)	8
28	Billerica, MA (US)	8
29	San Francisco, CA (US)	8
30	Vancouver, CA	8
31	Duluth, GA (US)	8
32	Del Mar, CA (US)	7
33	Chicago, IL (US)	7
34	San Jose, CA (US)	7
35	Salt Lake City, UT (US)	7
36	Marblehead, MA (US)	6
37	Gainesville, FL (US)	6
38	West Lafayette, IN (US)	6
39	Washington, DC (US)	6
40	Danvers, MA (US)	6
41	Ipswich, MA (US)	6
42	Turku, FI	6
43	Irvine, CA (US)	6
44	Newton, MA (US)	6
45	Seattle, WA (US)	6

#	Location	Patents
46	Belmont, MA (US)	5
47	Hong Kong, CN	5
48	Quincy, MA (US)	5
49	Boston, MA (US)	5
50	Toronto, CA	5
51	Redwood City, CA (US)	5
52	Nashville, TN (US)	5
53	Hsinchu, TW	5
54	Atlanta, GA (US)	5
55	Danville, CA (US)	5
56	Abbott Park, IL (US)	4
57	Carlsbad, CA (US)	4
58	Philadelphia, PA (US)	4
59	Shenzhen, CN	4
60	Seeheim-Jugenheim, DE	4
61	Concord, MA (US)	4
62	Mystic, CT (US)	4
63	Urbana, IL (US)	4
64	Mahomet, IL (US)	4
65	Menlo Park, CA (US)	4
66	San Mateo, CA (US)	4
67	Santa Clara, CA (US)	4
68	Daejeon, KR	4
69	Watkinsville, GA (US)	4
70	Taichung, TW	4
71	Chapel Hill, NC (US)	4
72	Taoyuan, TW	4
73	Exton, PA (US)	4
74	College Station, TX (US)	4
75	Guilford, CT (US)	4
76	New Haven, CT (US)	4
77	Tampa, FL (US)	4
78	Union City, CA (US)	4
79	Guangdong, CN	4
80	Cupertino, CA (US)	4
81	Sharjah, AE	4
82	Pasadena, CA (US)	4
83	Tokyo, JP	4
84	South San Francisco, CA (US)	4
85	Beijing, CN	4
86	Athens, GA (US)	4
87	Saluggia, IT	4
88	Budapest, HU	4
89	La Canada, CA (US)	4
90	Brooklyn, NY (US)	3

LOCATIONS

#	Location	Patents
91	Harleysville, PA (US)	3
92	Wernau, DE	3
93	Lutz, FL (US)	3
94	Los Angeles, CA (US)	3
95	Ñuñoa Santiago, CL	3
96	Pleasanton, CA (US)	3
97	Denver, CO (US)	3
98	Hoover, AL (US)	3
99	Haw River, NC (US)	3
100	Hayward, CA (US)	3
101	Singapore, SG	3
102	Harwich, MA (US)	3
103	Winchester, MA (US)	3
104	Wexford, PA (US)	3
105	Moscow, RU	3
106	Gaithersburg, MD (US)	3
107	West Newbury, MA (US)	3
108	North Reading, MA (US)	3
109	Peabody, MA (US)	3
110	Reading, MA (US)	3
111	Medford, MA (US)	3
112	Manchester, MA (US)	3
113	Hamilton, MA (US)	3
114	Epping, NH (US)	3
115	Vienna, AT	3
116	Emeryville, CA (US)	3
117	Foster City, CA (US)	3
118	Bethel, CT (US)	3
119	Lieto, FI	3
120	Las Vegas, NV (US)	3
121	Jacksonville, FL (US)	3
122	Al Ain, AE	3
123	Nagasaki, JP	3
124	Johns Creek, GA (US)	3
125	Saint-Petersburg, RU	3
126	Waltham, MA (US)	2
127	Ridgefield, CT (US)	2
128	Wilbraham, MA (US)	2
129	Gyeonggi-do, KR	2
130	Arlington, MA (US)	2
131	Tempe, AZ (US)	2
132	Montreal, CA	2
133	St-Laurent, CA	2
134	Chatenay-Malabry, FR	2
135	Terrebonne, CA	2

#	Location	Patents
136	Bad Vilbel, DE	2
137	Rüsselsheim, DE	2
138	Ramsgate, GB	2
139	Gurnee, IL (US)	2
140	Columbus, OH (US)	2
141	Frederick, MD (US)	2
142	Monroe, GA (US)	2
143	Saratoga, CA (US)	2
144	Birmingham, AL (US)	2
145	Downers Grove, IL (US)	2
146	Burlington, VT (US)	2
147	Guangzhou, CN	2
148	Douglasville, GA (US)	2
149	Elmhurst, NY (US)	2
150	Scottsdale, AZ (US)	2
151	Rochester, NY (US)	2
152	Clifton Springs, NY (US)	2
153	Reno, NV (US)	2
154	Naples, FL (US)	2
155	Largo, FL (US)	2
156	Saugus, MA (US)	2
157	Benicia, CA (US)	2
158	Allison Park, PA (US)	2
159	Buffalo Grove, IL (US)	2
160	Gangneung-si, KR	2
161	Wenham, MA (US)	2
162	Auckland, NZ	2
163	Siegenfeld, AT	2
164	Skokie, IL (US)	2
165	Burlingame, CA (US)	2
166	Hallandale, FL (US)	2
167	Livermore, CA (US)	2
168	Los Gatos, CA (US)	2
169	North Las Vegas, NV (US)	2
170	Ho Chi Minh, VN	2
171	Escondido, CA (US)	2
172	Mahwah, NJ (US)	2
173	Lebanon, NJ (US)	2
174	Hutchinson, KS (US)	2
175	Beni-Suef, EG	2
176	Pohang-si, KR	2
177	Littleton, MA (US)	2
178	Ledyard, CT (US)	2
179	Waterford, CT (US)	2
180	Amsterdam, NL	2

LOCATIONS

#	Location	Patents
181	Rijnsburg, NL	2
182	Haarsteeg, NL	2
183	Oegstgeest, NL	2
184	Leiden, NL	2
185	The Hague, NL	2
186	Herentals, BE	2
187	Antwerp, BE	2
188	Carrboro, NC (US)	2
189	Al-Ahsa, SA	2
190	Kanagawa, JP	2
191	Manassas, VA (US)	2
192	Bloomfield Hills, MI (US)	2
193	Rome, IT	2
194	Bargersville, IN (US)	2
195	Fishers, IN (US)	2
196	Indianapolis, IN (US)	2
197	Altadena, CA (US)	2
198	Moraga, CA (US)	2
199	Albany, CA (US)	2
200	Stone Mountain, GA (US)	2
201	Smyrna, GA (US)	2
202	Woodland Hills, CA (US)	2
203	Munich, DE	2
204	Tallahassee, FL (US)	2
205	Madison, WI (US)	2
206	Cincinnati, OH (US)	2
207	Healdsburg, CA (US)	2
208	Saluggai, IT	2
209	Rockville, MD (US)	2
210	Poland, OH (US)	2
211	Bellaire, TX (US)	2
212	Lubbock, TX (US)	2
213	El Dorado Hills, CA (US)	2
214	Riyadh, SA	2
215	Felsőpakony, HU	2
216	Berkeley Heights, NJ (US)	1
217	Elmsford, NY (US)	1
218	Princeton, NJ (US)	1
219	Port Chester, NY (US)	1
220	Yonkers, NY (US)	1
221	Greenwich, CT (US)	1
222	Gainesville, VA (US)	1
223	Scarborough, ME (US)	1
224	Gross-Rohrheim, DE	1
225	Charlotte, NC (US)	1

#	Location	Patents
226	Dorchester, MA (US)	1
227	Houston, TX (US)	1
228	San Antonio, TX (US)	1
229	Devine, TX (US)	1
230	Helotes, TX (US)	1
231	Edgemere, MD (US)	1
232	Silver Spring, MD (US)	1
233	Fort Detrick, MD (US)	1
234	Stafford, VA (US)	1
235	Brownsville, TX (US)	1
236	Hillsborough, NJ (US)	1
237	Richmond, TX (US)	1
238	Bondi Junction, AU	1
239	Vernon Hills, IL (US)	1
240	Deal, GB	1
241	East Lyme, CT (US)	1
242	Evanston, IL (US)	1
243	Westford, MA (US)	1
244	Wingham, GB	1
245	Tubingen, DE	1
246	Sunnyvale, CA (US)	1
247	Pacific Grove, CA (US)	1
248	Marina, CA (US)	1
249	Covina, CA (US)	1
250	Grapevine, TX (US)	1
251	Moreland Hills, OH (US)	1
252	Homewood, AL (US)	1
253	Richland, WA (US)	1
254	Harrison, NJ (US)	1
255	Staten Island, NY (US)	1
256	Essex Junction, VT (US)	1
257	Tel Aviv, IL	1
258	Somerville, MA (US)	1
259	New Taipei, TW	1
260	Dammam, SA	1
261	Weston, FL (US)	1
262	Baltimore, MD (US)	1
263	Blue Bell, PA (US)	1
264	Salisbury, MA (US)	1
265	Willow Grove, PA (US)	1
266	St. George, UT (US)	1
267	Wickenburg, AZ (US)	1
268	Highland, UT (US)	1
269	Hovdebygd, NO	1
270	Kaohsiung, TW	1

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#	Location	Patents
271	Douliu, TW	1
272	BP-6134 Dakar-Etoile, SN	1
273	Narberth, PA (US)	1
274	Kumamoto, JP	1
275	Tainan, TW	1
276	Spring Hill, FL (US)	1
277	Wilmington, NC (US)	1
278	Newtown Square, PA (US)	1
279	Sherman Oaks, CA (US)	1
280	Encino, CA (US)	1
281	Germantown, MD (US)	1
282	Bowie, MD (US)	1
283	Ellicot City, DC (US)	1
284	Concord, CA (US)	1
285	Davis, CA (US)	1
286	N. Potomac, MD (US)	1
287	Topsfield, MA (US)	1
288	Mokena, IL (US)	1
289	Daegu, KR	1
290	Encinitas, CA (US)	1
291	San Marcos, CA (US)	1
292	Royal Palm Beach, FL (US)	1
293	Jupiter, FL (US)	1
294	Bengaluru, IN	1
295	Karnataka, IN	1
296	Aachen, DE	1
297	Englewood, CO (US)	1
298	Pressbaum, AT	1
299	Milpitas, CA (US)	1
300	Wallingford, PA (US)	1
301	Merion, PA (US)	1
302	Cherry Hill, NJ (US)	1
303	Columbia, MD (US)	1
304	Potomac, MD (US)	1
305	Moscow region, RU	1
306	Rancho Santa Fe, CA (US)	1
307	Durrat Al-Bahrain, BH	1
308	Malvern, PA (US)	1
309	Glenmoore, PA (US)	1
310	Chester Springs, PA (US)	1
311	Downingtown, PA (US)	1
312	Fremont, CA (US)	1
313	Loenen, NL	1
314	Plymouth, MN (US)	1
315	West Chester, PA (US)	1

#	Location	Patents
316	Surprise, AZ (US)	1
317	Suwanee, GA (US)	1
318	Great Bend, KS (US)	1
319	Sterling, KS (US)	1
320	Wichita, KS (US)	1
321	Minia, EG	1
322	Paisley, GB	1
323	Severn, MD (US)	1
324	Incheon, KR	1
325	White Plains, NY (US)	1
326	Sherman, CT (US)	1
327	Armonk, NY (US)	1
328	Boulder, CO (US)	1
329	St. Johns, FL (US)	1
330	Oak Brook, IL (US)	1
331	Cheongju, KR	1
332	Kilchberg, CH	1
333	Bergdietikon, CH	1
334	Winterthur, CH	1
335	Oberageri, CH	1
336	Newport Beach, CA (US)	1
337	Glendora, CA (US)	1
338	Orinda, CA (US)	1
339	Walnut Creek, CA (US)	1
340	Monsey, NY (US)	1
341	Thornton, CO (US)	1
342	Golden, CO (US)	1
343	Leeds, GB	1
344	London, GB	1
345	Erlangen, DE	1
346	Germering, DE	1
347	Mississauga, CA	1
348	Cambridge, CA	1
349	Brantford, CA	1
350	Ames, IA (US)	1
351	Santa Monica, CA (US)	1
352	Calabasas, CA (US)	1
353	West Hills, CA (US)	1
354	Hitchin, GB	1
355	Sawston, GB	1
356	Royston, GB	1
357	Bryn Mawr, PA (US)	1
358	Honolulu, HI (US)	1
359	Lebanon, IL (US)	1
360	Essen, DE	1

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#	Location	Patents
361	Bridgeville, PA (US)	1
362	New Rochelle, NY (US)	1
363	Dakar-Etoile, SN	1
364	Saint Genis les Ollières, FR	1
365	Thornbury, AU	1
366	Point Cook, AU	1
367	Manor Lakes, AU	1
368	Kensington, MD (US)	1
369	Santa Rosa, CA (US)	1
370	Omaha, NE (US)	1
371	East Palo Alto, CA (US)	1
372	San Carlos, CA (US)	1
373	Newark, CA (US)	1
374	Oakland, CA (US)	1
375	Woodside, CA (US)	1
376	Palo Alto, CA (US)	1
377	Austin, TX (US)	1
378	Great Falls, VA (US)	1
379	Ansan-si, KR	1
380	Busan, KR	1
381	Sejong, KR	1
382	State College, PA (US)	1
383	Alpharetta, GA (US)	1
384	Peachtree Corners, GA (US)	1
385	Wesley Chapel, FL (US)	1
386	Sarasota, FL (US)	1
387	Apple Valley, MN (US)	1
388	Vadodara, IN	1
389	Hollywood, FL (US)	1
390	Highland Park, NJ (US)	1
391	Wuhan, CN	1
392	San Bruno, CA (US)	1
393	Belmont, CA (US)	1
394	Balatonalmádi, HU	1
395	Győr, HU	1
396	San Ramon, CA (US)	1
397	Bahama, NC (US)	1
398	Sacramento, CA (US)	1

PATENT APPLICATION PUBLICATIONS

#	Pub. No	Filed	Title	Inventors	Assignees
1	20240192212	2024-02-14	SYSTEMS AND PROCESSES TO SCREEN FOR SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2) OF 2019 (COVID-19)	Melicia Gainey; Dalia Natour;	
2	20240124558	2023-12-20	ANTIBODIES BINDING TO SARS-COV-2 VIRUS AND USES THEREOF	Yiding CHEN; Xiangxi WANG; Ling ZHU; Yinan JIANG; Jingyun MIAO; Lili QIN; Pingju GE;	ASSURE TECH. (HANGZHOU) CO., LTD.;
3	20240190946	2023-12-20	ANTIBODIES FOR SARS-COV-2 AND USES THEREOF	Christopher Emig; Rosanna Man Wah Chau; Payam Shahi; Kim-Xuan Nguyen; YuShuan Lai; Robin Emig; John Beaber; Steven Henry; Marco Mena;	Augmenta Bioworks, Inc.;
4	20240131003	2023-12-12	SYSTEMS AND METHODS FOR TREATING CORONAVIRUS	Michael Mong; Bao Tran;	
5	20240189279	2023-12-11	IMMUNOMODULATORY COMPOSITIONS AND METHODS OF USE THEREOF	Arul Jayaraman; Kyongbum Lee;	
6	20240182548	2023-11-30	SARS-COV-2 ANTIBODIES AND METHODS OF SELECTING AND USING THE SAME	Mark ESSER; James STEINHARDT; Patrick MCTAMNEY, II; Yueh-Ming LOO; Reena VARKEY; Qun DU; Saravanan RAJAN;	
7	20240173452	2023-11-30	Method and Device for Inactivating New Coronavirus	Masatake Tagawa;	
8	20240183847	2023-11-29	IMPEDANCE-BASED NEUTRALIZING ANTIBODY DETECTION BIOSENSOR WITH APPLICATION TO SARS-CoV-2 INFECTION	Jungchih Chiao; Ali Beskok;	
9	20240175871	2023-11-22	ALPHA-1-ANTITRYPSIN PHENOTYPE C DETECTION AND TREATMENT OF INFLAMMATION AND INFLAMMATORY CONDITIONS ASSOCIATED WITH SAID PHENOTYPE	Kevin LAW;	
10	20240165220	2023-11-20	METHOD FOR INDUCING CELLULAR IMMUNITY TO INFECTION BY SARS-CoV-2	Iman ALMANSOUR;	Imam Abdulrahman Bin Faisal University;
11	20240100047	2023-11-14	COMPOSITION AND METHOD FOR TREATING COVID-19	Subhra Mohapatra; Shyam Mohapatra; Karthick Mayilsamy; Eleni Markoutsas; Andrew McGill;	
12	20240148763	2023-11-13	SIALIC ACID COMPOSITIONS FOR THE USE OF INHIBITING AND TREATING CORONAVIRUS INFECTION	Jan Remmeireit;	
13	20240148783	2023-11-10	FORMULATION, USE AND METHOD FOR BROAD-SPECTRUM PROPHYLAXIS AND TREATMENT OF VIRAL INFECTIONS CAUSED BY SARS-COV-2 AND OTHER EMERGENT VIRUSES	Elard KOCH;	MELISA INSTITUTE, GENOMICS & PROTEOMICS RESEARCH SpA;
14	20240082202	2023-11-10	Compositions And Methods for Treating Acute Respiratory Distress Syndrome (ARDS) And Inflammatory Disorders Caused by Corona Viruses and Other Respiratory Pathogens or Agents That Mediate Pulmonary Injury, Inflammation or Acute Respiratory Distress, And Related Compositions and Methods for Treating and Preventing Human SARS Coronavirus Infection, COVID-19 Disease and Related Symptoms	Richard CHANG; Ben CHANG;	
15	20240116865	2023-11-08	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Monika Yadav; Andrew Mesecar;	
16	20240158479	2023-11-08	NEUTRALIZING ANTI-SARS-COV-2 ANTIBODIES, CHIMERIC IMMUNOGENS, AND METHODS OF USE THEREOF	Alok Choudhary; Abraham Pinter;	Rutgers, The State University of New Jersey;
17	20240180997	2023-11-03	PEPTIDE INHIBITORS OF NF KAPPA B AND USE THEREOF IN TREATMENT OF COVID-19 AND INFLAMMATORY DISEASES	Rajendra BHATNAGAR;	
18	20240150441	2023-11-02	MONOCLONAL ANTIBODIES AGAINST SARS-COV-2 AND VARIANTS	Qiang Chen; Haiyan Sun; Collin Jugler;	Arizona Board of Regents on Behalf of Arizona State University;
19	20240156947	2023-10-31	COMPOSITION AND METHODS FOR MRNA VACCINES AGAINST NOVEL OMICRON CORONAVIRUS INFECTIONS	David BROWN; Yong-sik BONG; Neeti ANANTHASWAMY; Naihsuan GUY; Dong SHEN;	RNAimmune, Inc.;
20	20240139334	2023-10-27	ENGINEERED LIPOSOMES FOR NEUTRALIZATION OF SARS-COV-2 AND OTHER ENVELOPED VIRUSES	Michael KING; Zhenjiang ZHANG;	Vanderbilt University;

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#	Pub. No	Filed	Title	Inventors	Assignees
21	20240065983	2023-10-27	COMPOSITION AND METHOD FOR TREATING COVID-19	Subhra Mohapatra; Shyam Mohapatra; Karthick Mayilsamy; Eleni Markoutsas; Andrew McGill;	
22	20240075175	2023-10-26	TUNNEL TYPE DISINFECTION SYSTEM	Murat Ozdemir;	
23	20240156949	2023-10-26	Nucleic Acid Based Vaccine	Benjamin PETSCH; Dominik VAHRENHORST; Diego CHAVES MORENO; Janina GERGEN; Jessica DEVANT; Kristina KOVACIKOVA; Hans GROßE;	GlaxoSmithKline Biologicals SA; CureVac SE;
24	20240043508	2023-10-25	ANTIBODY BINDING SPECIFICALLY TO SARS-COV-2 S PROTEIN OR ANTIGEN-BINDING FRAGMENT THEREOF, BISPECIFIC ANTIBODY, AND USES THEREOF	Sukmook LEE; Ji KIM; Kyun HEO; Yeabin CHO; Hyun KIM; Hyelim CHOI; Harim YANG; Ha SHIN; Ji LEE;	
25	20240067704	2023-10-24	ANTIBODY COCKTAIL AGAINST SARS-COV-2 SPIKE PROTEIN	Matthew ROBINSON; Pavel NIKITIN; Michael MORIN; Jillian DIMUZIO; Ray HOWANSKI; John DOWLING;	
26	20240131508	2023-10-24	Diagnostics for Emerging Disease	Urs Ramel; Joel Blatt; Lawrence Kauvar; Stote Ellsworth; Ralph Tripp; Leslie Jones;	Trellis Bioscience, Inc.;
27	20240124395	2023-10-23	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Monika Yadav; Andrew Mesecar;	
28	20240115596	2023-10-17	COMPOSITIONS AND METHODS FOR TREATING SARS-COV-2 INFECTION	Anna Pyle; Akiko Iwasaki; Tianyang Mao;	
29	20240041697	2023-10-13	DEVICE FOR ACUPUNCTURE AND MOXIBUSTION THERAPY AND USES THEREOF	Xunhua ZHANG;	
30	20240115622	2023-10-06	FORMULATION FOR THE PREVENTION AND/OR TREATMENT OF COVID-19	Jacques Veronneau;	
31	20240124947	2023-09-25	COMPOSITIONS FOR CORONAVIRUS DETECTION AND METHODS OF MAKING AND USING THEROF	Kelvin Kai-Wang To; Siddharth Sridhar; Kwok-Yung Yuen; Chik Yip;	
32	20240000070	2023-09-18	AIR FILTER WITH PATHOGEN MONITORING AND INACTIVATION	Thomas Kennedy, III;	
33	20240108681	2023-09-11	METHOD AND COMPOSITION FOR PREVENTING AND TREATING COVID-19 AND LONG COVID	MEI-NAN TUAN; HIEN DOAN; ZI-YI HUANG; CHIA-YIN LEE; THUC NGUYEN;	GLOBAL PREVENTIVE MEDICINE BIOTECH COMPANY LIMITED;
34	20240100152	2023-09-06	MODIFIED POLYNUCLEOTIDES ENCODING THE SARS-COV-2 SPIKE PROTEIN FOR SAFER DESIGNS OF CORONAVIRUS VACCINES	Pei Tang; Tommy Tillman; Yan Xu;	
35	20230405175	2023-09-01	PROTECTIVE RESPIRATOR UTILIZING FAR UV-C IRRADIATION	Richard Rasansky; Kenneth Kelley;	
36	20240066051	2023-08-24	NASAL SPRAY USING PENTOSAN POLYSULFATE AND MUCOPOLYSACCHARIDE POLYSULFATE FOR COVID-19 PREVENTION AND TREATMENT	Robert LINHARDT; Fuming ZHANG; Jawed FAREED; Walter JESKE;	Rensselaer Polytechnic Institute;
37	20240024461	2023-08-21	VACCINE BOOSTER COMPOSITIONS FOR RESPIRATORY VIRAL DISEASES	Kin KOK; Kwok YUEN; Joy LAM;	
38	20230407419	2023-08-18	Rapid Diagnostic Test for LAMP	Nathan Tanner; Yinhua Zhang; Eric Hunt; Gregory Patton; Guoping Ren; Zhiru Li; Andrew Barry; Nicole Nichols; Catherine Poole; Harriet Strimpel; Ivan Correa, Jr; Clotilde Carlow; Esta Slayton; Thomas Evans, Jr;	New England Biolabs, Inc.;
39	20240076751	2023-08-16	VARIANT CLASSIFICATION THROUGH HIGH-CONFIDENCE MUTATION DETECTION FROM FLUORESCENCE SIGNALS MEASURED WITH A MULTIPLE MUTATION ASSAY	Steven Okino;	
40	20240092875	2023-08-09	SARS-COV-2 ANTIBODIES FOR TREATMENT AND PREVENTION OF COVID-19	Robert GASSER; Mark ESSER; Patrick MCTAMNEY, II; Yueh-Ming LOO; Reena VARKEY; Qun DU; James STEINHARDT; Saravanan RAJAN;	

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41	20240044883	2023-07-26	DETECTION OF AIRBORNE ANALYTES USING IMPRINTED MICELLES	Samuel Morrison; Lance Hubbard; Caleb Allen; Amy Sims; Matthew O'Hara; Nicolas Uhnak;	Battelle Memorial Institute;
42	20240043694	2023-07-25	HIGH PHASE-PURITY GROWTH OF 1T'-TRANSITION METAL DICHALCOGENIDE MONOLAYERS	Hua ZHANG; Zijian LI; Li ZHAI;	
43	20240083982	2023-07-21	THERAPEUTIC NEUTRALIZING ANTIBODIES FOR SARS-COV-2	Barry Olafson; Stephen Mayo; Pamela Bjorkman; Jost Vielmetter; Justin Chartron; Paul Chang; Stephanie Contreras; Jingzhou Wang; Aiden Aceves; Anthony West, Jr; Christopher Barnes; Jennifer Keeffe; Claudia Jette;	
44	20240016921	2023-07-20	ANTIGEN SPECIFIC IMMUNOTHERAPY FOR COVID-19 FUSION PROTEINS AND METHODS OF USE	Todd Zion; Thomas Lancaster; Thillainayagam Sathiyaseelan; Kexin Huang;	
45	20230357329	2023-07-17	COMBINED USE OF NANOBODY, CYCLODEXTRIN AND QUERCETIN FOR PROTECTION FROM ENVELOPED VIRUSES	Bhanu Jena;	VIRON, INC.;
46	20240148682	2023-07-05	METHOD FOR REGULATING DOWNSTREAM SIGNALING PATHWAY MEDIATED BY ACTIVATION OF TRIMETHYLAMINE-N-OXIDE	Feng-Yao Tang; En-Pei Chiang;	China Medical University;
47	20240069037	2023-06-30	METHODS FOR DETERMINING SARS-COV-2 ANTIGEN AND ANTI-SARS-COV-2 ANTIBODY IN A SAMPLE	David Daghfal; John Prostko;	
48	20240018217	2023-06-29	Fully Human Monoclonal Antibodies that Broadly Neutralize SARS-COV-2	Kenneth Smith;	
49	20240025860	2023-06-22	SARS-COV-2 INHIBITORS FOR TREATING CORONAVIRUS INFECTIONS	Xiao DING; Jingjing PENG; Feng REN; Xiaoyu DING; Bogdan ZAGRIBELNYY; Yan IVANENKOV;	
50	20230414536	2023-06-21	CYCLOBENZAPRINE TREATMENT FOR POST-ACUTE SEQUELAE OF (SARS)-CoV-2 INFECTION (PASC)	Seth Lederman;	
51	20230360740	2023-06-21	3D PHARMACOPHORE MODEL FOR THE RAPID COMPUTATIONAL SCREENING OF SARS-COV-2 MODULATORS AND COMPOSITIONS AND METHODS THEREOF	Dimitrios Vlachakis; Charles Neblett; Maria Kasti;	
52	20240132977	2023-06-15	METHOD FOR RAPIDLY AND ACCURATELY DETECTING SARS-CoV-2 NUCLEIC ACID	Tassa Saldi; Erika Lasda; Alfonso Garrido-Lecca; Patrick Gonzales;	Colorado Genomics LLC;
53	20240150318	2023-06-12	PROTEASE INHIBITORS FOR TREATMENT OF CORONAVIRUS INFECTIONS	Arnab Chatterjee; Jian Chen; Elshan Nakath; Alireza Rahimi; Anil Gupta; Gennadii Grabovyi; Katy Wilson; Sourav Ghorai; Armen Nazarian; James Pedroarena; Wrickban Mazumdar; Frank Weiss; Lirui Song; Malina Bakowski; Laura Riva; Karen Wolff; Case McNamara; Thomas Rogers; Jacqueline Malvin; Shuangwei Li; Sean Joseph; Ashley Woods; Yuyin Liu; Neechi Okwor;	
54	20240161865	2023-06-09	METHODS AND PROTEINS FOR TARGETING MAIN PROTEASE OF CORONAVIRUS	Aravindhan GANESAN; Todd HOLYOAK; Subha KALYAANAMOORTHY; Norman TRAN;	
55	20230398208	2023-06-08	SARS-CoV-2 VACCINES AND USES THEREOF	Jason Price; James Olson; Colin Correnti; Barry Stoddard;	FRED HUTCHINSON CANCER CENTER;
56	20230393124	2023-06-02	Methods and Systems for Quantitative Detection of SARS-CoV-2 Antibodies Using Dried Samples	Russell Grant; Bradley Collier;	
57	20240115590	2023-05-30	COMPOSITIONS AND THERAPEUTIC METHODS FOR TREATING CHRONIC SEQUALAE FOLLOWING VIRAL INFECTIONS	Jean-Jacques Schoch;	
58	20240025972	2023-05-22	METHODS FOR MODULATING HOST CELL SURFACE INTERACTIONS WITH SARS-COV-2	Nadia MARTINEZ-MARTIN;	
59	20230331815	2023-05-22	METHODS AND COMPOSITIONS FOR TREATING VIRAL INFECTION	Jang HAN; William RUTTER; Mi-Young SEO;	
60	20230341398	2023-05-17	SARS-CoV-2 DETECTION KIT AND SARS-CoV-2 DETECTION METHOD	Dai UJIHARA; Junichi KATADA; Akihide RYO;	FUJIFILM Corporation; PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY;

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61	20230381297	2023-05-15	ATTENUATED POXVIRUS VECTOR BASED VACCINE FOR PROTECTION AGAINST COVID-19	Natalie PROW; Paul Howley; Tamara Cooper; John Hayball; Kerrilyn Diener; Liang Liu; Preethi Eldi;	
62	20230366001	2023-05-11	SYNTHETIC SELF-AMPLIFYING MRNA MOLECULES WITH SECRETION ANTIGEN AND IMMUNOMODULATOR	Yingzhong LI; Libin ZHANG;	SunVax mRNA Therapeutics Inc.;
63	20230357367	2023-05-08	Antigen Binding Molecules Targeting SARS-CoV-2	Francesco Borriello; Alexis Ramos;	
64	20230355558	2023-05-05	SYSTEM AND METHOD OF DELIVERING INHIBITORS FOR PREVENTING THE ENTRY OF SARS-CoV-2 AND EMERGING VARIANTS	Binoy Bordoloi; SACHIN KUMAR; PRIYANKA MAZUMDER; Ronen Bordoloi; Rodney Eisenberg;	Bordoloi Biotech LLC;
65	20230338515	2023-05-02	VACCINES AGAINST CORONAVIRUS AND METHODS OF USE	Jian Yan; Kate Broderick; David Weiner; Kar Muthumani; Ami Patel;	
66	20230285547	2023-04-28	HYPERIMMUNIZED EGG PRODUCT FOR TREATMENT OR PREVENTION OF CORONAVIRUS INFECTION	Subramanian IYER; Satishchandran CHANDRASEKHAR; Uday SAXENA; Gopi KADIYALA;	
67	20230346888	2023-04-27	METHOD AND COMPOSITION OF TREATMENT OR PREVENTION OF CORONAVIRUS INFECTION	Tsung-Fu YU; Chun-Hsien TSAI; Ting-Chuan LEE; Chun-Jung TSAI;	AINOS INC. TAIWAN BRANCH (USA);
68	20230349010	2023-04-27	METHODS AND KITS FOR DETECTING VIRUS	Peng SHI; Zixun WANG; Xi ZHAO; Xianglin JI;	
69	20230248685	2023-04-25	COMPOSITION AND METHODS FOR TREATMENT OR PROPHYLAXIS OF CORONAVIRUS AND CANCERS	Pablo BETANCOURT;	
70	20230355738	2023-04-24	BACTERIOPHAGE-BASED, NEEDLE AND ADJUVANT-FREE, MUCOSAL COVID-19 VACCINE	Venigalla RAO; Jingen ZHU;	
71	20230266311	2023-04-24	METHOD FOR COLLECTING OROPHARYNGEAL LAVAGE AND DETECTING ANALYTES THEREIN	Raouf Giurguis;	
72	20240150439	2023-04-24	Neutralizing Anti-SARS-CoV-2 Antibodies and Methods of Use Thereof	Michel Nussenzweig; Davide Robbiani;	The Rockefeller University;
73	20230272493	2023-04-17	VIRAL AND HOST BIOMARKERS FOR DETECTION, THERAPEUTIC EFFECTIVENESS, AND MONITORING OF CANCER LINKED TO SARS-CoV-2 AND HUMAN PAPILLOMA VIRUS	Rafael Guerrero-Preston;	
74	20230340033	2023-04-14	Immunogenic Compositions Against SARS-COV-2 Variants And Their Methods Of Use	Kate Broderick; Trevor Smith; Richa Kalia; Viviane Machado de Mello Andrade;	
75	20240009221	2023-04-14	PHARMACOLOGIC APPROACH FOR SUPPRESSION OF CORONAVIRUSES	Kamel Khalili; Shuren Liao; Ilker Sariyer;	
76	20240131019	2023-04-13	METHODS FOR THE TREATMENT AND PREVENTION OF LUNG INFECTIONS CAUSED BY GRAM-POSITIVE BACTERIA, FUNGUS, OR VIRUS BY ADMINISTRATION OF TAFENOQUINE	Geoffrey DOW;	60 DEGREES PHARMACEUTICALS LLC;
77	20230374153	2023-04-12	METHODS OF PREVENTING OR TREATING INFECTION BY RESPIRATORY VIRUSES INCLUDING SARS-CoV-2	Neil Bodie;	
78	20230364142	2023-04-12	COMPOSITION FOR ANTIVIRUS COMPRISING NATURAL KILLER CELL	Guy MOON;	NOVOCELL Bio Co., Ltd.;
79	20230323488	2023-04-11	RAPID AND LOW-COST SAMPLING FOR DETECTION OF AIRBORNE SARS-COV-2 IN DEHUMIDIFIER CONDENSATE	Govind RAO; Xudong GE; Douglas FREY; Sai RAMAMURTHY; Dipanjan PAN;	
80	20230346899	2023-04-10	PHARMACEUTICAL COMBINATION THERAPY AND PREVENTION WITH APROTININ + NIRMATRELVIR OF SARS-CoV-2 AND/OR DISEASE ASSOCIATED WITH THIS INFECTION, INCLUDING COVID-19	Alexandre Ivachtchenko; Andrey Ivashchenko; Alena Ivachtchenko; Ilya Ivashchenko; Nikolay Savchuk;	ASAVI LLC; Other;

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81	20230364121	2023-04-07	NIRAN INTERFERING DRUGS FOR SARS-COV-2 MUTANT THERAPY	Jean-Pierre Sommadossi; Kai Lin; Adel Moussa; Bruno Canard; Ashleigh Shannon;	Atea Pharmaceuticals, Inc.;
82	20230243818	2023-04-06	Low-Cost Rapid Diagnostic Biosensors	Cesar De La Fuente-Nunez; Marcelo Der Torossian Torres; William Reis De Araujo;	
83	20230399707	2023-04-05	Methods, Compositions and Systems for Respiratory Virus Detection	Ayla Harris; Brian Krueger;	
84	20230346812	2023-04-05	METHODS FOR TREATING SARS COV-2 INFECTIONS	Tomas Cihlar; Anuoluwapo Osinusi; Danielle Porter;	
85	20230293648	2023-04-04	STABILIZED ACE2 VARIANT, ACE2-FC FUSION PROTEIN USING SAME, AND METHOD FOR PREVENTING OR TREATING COVID-19	Seong RYU; Myeong KIM;	IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY);
86	20240150438	2023-03-31	Anti-Coronavirus Antibodies and Methods of Use	Kathryn WESTENDORF; Stefanie ZENTELIS; Krithika MUTHURAMAN; Kevin JEPSON; Ester FALCONER; John MASCOLA; Barney GRAHAM; Kizzmekia CORBETT; Julie LEDGERWOOD; Lingshu WANG; Olubukola ABIONA; Wei SHI; Wing-pui KONG; Yi ZHANG; Bryan JONES; Denisa FOSTER; Julian DAVIES; Qing CHAI; Christopher FRYE; Ganapathy GOPALRATHNAM; Jörg HENDLE; John SAUDER; Jeffrey BOYLES; Anna PUSTILNIK;	AbCellera Biologics Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Svcs.;
87	20230313203	2023-03-30	FLUOROARABINO NUCLEIC ACID (FANA) APTAMERS THAT BIND SARS-2 RECEPTOR BINDING DOMAIN AND BLOCK BINDING TO THE ACE2 CELLULAR RECEPTOR	Jeffrey DeStefano;	
88	20230304041	2023-03-23	DUAL PROMOTER-DRIVEN AND DUAL REPORTER-EXPRESSING SARS-COV-2 REPLICONS AND METHODS OF USE	Johnny HE; Ying LIU;	
89	20230364054	2023-03-22	METHODS FOR TREATING COVID-19	Thomas FISHBEIN; Khalid KHAN; Alexander KROEMER;	
90	20240042011	2023-03-20	CORONAVIRUS VACCINE	Alexander Muik; Asaf Poran; Kena Swanson; Qi Yang; Hui Cai; Ugur Sahin;	
91	20230391736	2023-03-18	3-TETRAZOLYLMETHYL-1,3,5-TRIAZIN-2,4-DIONE COMPOUND INHIBITING CORONAVIRUS 3CL PROTEASE ACTIVITY AND PREPARATION METHOD AND USE THEREOF	Xiaolin XIE; Dezhu Zhang; Zhao Ma; Boyang Li; Xuhua Zhou; Chengyuan Liang; Liang Xin; Lei Tian; Jingyi Li; Kangxiong Wu; Shaojun Zhang; Xiuding Yang; Sundian Liu; Yuting Liu;	
92	20240074990	2023-03-18	APPLICATION OF GOSSYPOL AND ITS OPTICAL ISOMERS TO PREPARATION OF CORONAVIRUS 3CL PROTEASE INHIBITOR	Xiaolin XIE; Dezhu ZHANG; Zhao MA; Boyang LI; Xuhua ZHOU; Lei TIAN; Chengyuan LIANG; Taotao QIANG; Jingyi LI; Liang XIN; Shaojun ZHANG; Kangxiong WU; Xiuding YANG; Sundian LIU; Yuting LIU;	
93	20230295175	2023-03-17	PROCESSES FOR THE PREPARATION OF SUBSTITUTED SPIROOXINDOLE DERIVATIVES	Kaicheng Zhu; Tao Wang; Xin Zhang; Xiaowen Peng; Ruichao Shen; Jiajun Zhang; Wei Li; Hui Cao; Xuri Gao; Guoqiang Wang; George Wu; Yat Or;	
94	20230365658	2023-03-16	REPAIRED THERAPEUTIC AND PROPHYLACTIC ANTIBODIES AGAINST SARS-CoV-2 VARIANTS	Edmond Lau; Daniel Faissol; Thomas Desautels; Fangqiang Zhu; Adam Zemla; Robert Carnahan, JR; Antonietta Lillo; James Crowe, JR; Kathryn Arrildt;	
95	20230348597	2023-03-13	SARS-COV-2 THERAPIES	Mikail Dogan; Derya Unutmaz;	The Jackson Laboratory;
96	20230270756	2023-03-13	LIPOSOMAL FORMULATIONS FOR INHIBITING SARS-CoV-2 REPLICATION AND REDUCING LUNG INFLAMMATION	Konduri Kameswari; Nejat Duzgunes; Ram Pattisapu; Jogi Pattisapu; John Zwetchkenbaum;	
97	20230288420	2023-03-13	VERTICAL FLOW IMMUNOCHROMATOGRAPHIC ASSAY DEVICE AND METHOD OF USING THE SAME	Raouf Guirguis;	
98	20230406913	2023-03-10	METHOD FOR TREATING SARS-COV-2 INFECTIOUS DISEASE	Wonhwa LEE;	RESEARCH & BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY;
99	20230341397	2023-03-10	PROTEASE BIOSENSORS AND METHODS OF VIRUS DETECTION	Thomas HUGHES;	
100	20240036044	2023-03-09	DUAL-AFFINITY PROBES AND SYSTEMS FOR ANALYTE DETECTION	Robert Greene; Christine BUERKI;	

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101	20240059759	2023-03-08	SARS-COV(-2) SPIKE GLYCOPROTEIN-BINDING DOMAINS AND POLYPEPTIDES COMPRISING THE SAME AND USE OF THE SAME	Mark DEPRISTO; Peyton GREENSIDE; Randall BREZSKI; Ryan HENRICI;	
102	20230212232	2023-03-02	SARS-CoV-2 Vaccines and Antibodies	Stephen Anderson; Elliot Campbell;	Rutgers, the State University of New Jersey;
103	20230201195	2023-02-28	METHODS OF TREATING FIBROSIS	Miguel de los Rios; John Hood; Anita Difrancesco;	
104	20230201196	2023-02-28	METHODS OF TREATING FIBROSIS	Miguel de los Rios; John Hood; Anita Difrancesco; Luis Dellamary; Sunil KC;	
105	20230384297	2023-02-23	ELECTROTHERMAL FLOW-ENHANCED ELECTROCHEMICAL MAGNETO-IMMUNOSENSOR	Peter LILLEHOJ; Jiran LI;	William Marsh Rice University;
106	20230250158	2023-02-23	ANTI-SPIKE GLYCOPROTEIN ANTIBODIES AND THE THERAPEUTIC USE THEREOF	Ilse Roodink; Yasmina Abdiche; Jennifer Bath;	
107	20230266267	2023-02-22	SARS-CoV-2 BIOSENSOR UTILIZING A PHOSPHATASE REPORTER	Moh Amer; Mingrui Chen; Chongwu Zhou;	
108	20230374115	2023-02-17	NOVEL CORONAVIRUS RBD SPECIFIC MONOCLONAL ANTIBODY AND LINEAR EPITOPE AND APPLICATION THEREOF	Aishun Jin; Tingting Li; Xiaojian Han; Yingming Wang; Chao Hu; Shenglong Li; Jianwei Wang;	
109	20230263771	2023-02-17	SMALL MOLECULES THAT TREAT OR PREVENT VIRAL INFECTIONS	Bradley McConnell; Arfaxad Alcaraz; John Craft; Robert Schwartz;	UNIVERSITY OF HOUSTON SYSTEM;
110	20230265170	2023-02-17	ANTIBODIES	Juthathip MONGKOLSAPAYA; Gavin SCRETON;	
111	20230190858	2023-02-15	Treatment for Diseases Caused By RNA Viruses	Oral Alpan; Matthew Plassmeyer;	
112	20230212116	2023-02-13	SARS-COV-2 MAIN PROTEASE INHIBITORS	Wenshe LIU; Carol FIERKE; Shiqing XU; Kai YANG; Xinyu MA; Yuying MA; Yugendar ALUGUBELLI; Erol VATANSEVER; Chia-Chuan CHO; Zhi GENG; Kaustav KHATUA;	
113	20230181598	2023-02-09	FORMULATIONS AND METHODS OF TREATING COVID-19 AND PREVENTING INFECTION WITH SARS-CoV-2	Patrick PRENDERGAST; Daniel SHANAHAN-PRENDERGAST;	
114	20240139307	2023-02-06	INTERFERON-PRODUCING UNIVERSAL SARBECoVIRUS VACCINES, AND USES THEREOF	Kin KOK;	
115	20230322865	2023-02-03	Peptides and Combinations of Peptides for Use in Immunotherapy Against an Infection by Sars-COV-2 (COVID-19)	Juliane Walz; Annika Nelde; Hans-Georg Rammensee; Tatjana Bilich;	
116	20230226174	2023-01-27	SARS-COV-2 RECEPTOR BINDING DOMAIN IN NATIVE OUTER MEMBRANE VESICLES	Gregory MOE; Serena GIUNTINI;	
117	20230233593	2023-01-25	ORALLY-BIOAVAILABLE NUCLEOSIDE ANALOGS	Christopher BURNS; Glen COBURN; Guo-Hua CHU; Stephen CONDON; Steven BOYD; Daniel PEVEAR;	
118	20230384188	2023-01-24	ROOM TEMPERATURE STABLE, DRY BIOLOGICAL TRANSPORT MEDIA	Shanavaz Nasarabadi;	
119	20230236184	2023-01-23	PROTEIN SENSING PLATFORM WITH A COMBINATION OF CONDUCTING POLYMERS, AROMATIC AND CONJUGATED ALDEHYDES ON A CELLULOSE PAPER BASE	Sauvik CHATTERJEE; Soumyo CHATTERJEE; Biplab PAL; Conrad BESSEMER;	Opteev Technologies, Inc.;
120	20230228767	2023-01-19	DETECTION OF SARS-COV-2 PROTEINS AND MITOCHONDRIAL PROTEINS IN PLASMA NEURON-DERIVED EXTRACELLULAR VESICLES AND ASTROCYTE-DERIVED EXTRACELLULAR VESICLES	Edward Goetzl;	

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#	Pub. No	Filed	Title	Inventors	Assignees
121	20240102015	2023-01-19	Antisense Oligonucleotides Targeting SARS-CoV-2	Anders Naar; Chi Zhu; Sakari Kauppinen; Kasper Karstensen;	The Regents of the University of California; Aalborg University;
122	20230390351	2023-01-16	Method for inhibiting infection of SARS-CoV-2 in a Subject	Tsong-Long Hwang; Yu-Li Chen; Michal Korinek; Marcela Safratova; Anna Hostalkova;	Chang Gung University of Science and Technology;
123	20230295749	2023-01-13	METHODS AND SYSTEMS FOR DETECTING AND DISCRIMINATING BETWEEN VIRAL VARIANTS	David Alland; Padmapriya Banada; Salvatore AE. Marras;	Rutgers, The State University of New Jersey;
124	20230295706	2023-01-12	CASCADE OLIGONUCLEOTIDE DISPLACEMENT PROBES	Spencer Glantz; Jonathan Rothberg; Xinghua Shi; Benjamin Rosenbluth; Jaymin Patel; William Hansen; Jonathan Naccache; Hope Kronman; Henry Kemble; Caixia Lv; Andrew Ellington; Sanchita Bhadra;	Detect, Inc.; Board of Regents, The University of Texas System;
125	20230220465	2023-01-12	COMBINATION DISPLACEMENT PROBES	Spencer Glantz; Jonathan Rothberg; Xinghua Shi; Benjamin Rosenbluth; Jaymin Patel; William Hansen; Jonathan Naccache; Hope Kronman; Henry Kemble; Caixia Lv;	Detect, Inc.;
126	20230279081	2023-01-06	Antigen Binding Molecules Targeting SARS-CoV-2	Gevorg Grigoryan; John Ingraham; Cheuk Leung; Ross Federman; Robin Green; Vincent Xue; Craig MacKenzie;	
127	20230285545	2023-01-03	POLYPEPTIDES, VACCINE COMPOSITIONS, AND USE THEREOF FOR INDUCING IMMUNE RESPONSE TO SARS-COV-2 IN PRIMATES	Kang ZHANG; Gen LI; Guangxi ZANG;	
128	20230257448	2023-01-03	BISPECIFIC SARS-COV-2 ANTIBODIES AND METHODS OF USE	Aaron SATO;	
129	20230210983	2023-01-03	VACCINE COMBINATION AGAINST SARS-COV-2 AND METHOD FOR PREVENTING INFECTION OF SARS-COV-2	Li-Kuang CHEN; Chuan CHIN; Hui-Hua YANG;	
130	20230148096	2022-12-28	YEAST-BASED VACCINES	Virginia Cornish; Jiaming Qi;	The Trustees of Columbia University In The City of New York;
131	20230279080	2022-12-27	ANTIBODY SPECIFIC TO SPIKE PROTEIN OF SARS-COV-2 AND USES THEREOF	Kuo-I LIN; Chi-Huey WONG; Szu-Wen WANG; Yi-Hsuan CHANG;	
132	20230288421	2022-12-22	SARS-COV-2 SERUM ANTIBODY PROFILING	Winston Haynes; Patrick Daugherty; Kathryn Vinaya Louise Kamath; Jack Reifert; Abhilash Dhal; John Chul-yong Shon;	
133	20230190848	2022-12-21	P2ET REDUCES COVID SEVERITY BY INHIBITION OF VIRAL REPLICATION, REDUCTION OF PULMONAR FIBROSIS MARKERS AND MODULATION OF IMMUNE RESPONSE	Susana FIORENTINO GÓMEZ; Claudia URUEÑA PINZÓN; Alfonso BARRETO PRIETO; Karol PRIETO SARMIENTO; Alejandra GOMEZ CADENA; Ricardo BALLESTEROS-RAMIREZ; Angel GARCIA PENA; Pablo ASCHNER; Cindy AREVALO OLAYA; Paola LASSO APRAEZ;	
134	20230285523	2022-12-20	USE OF ELAFIN IN THE TREATMENT OF COVID-19	Oliver WIEDOW;	
135	20230256077	2022-12-19	EFFICIENT EXPRESSION SYSTEM OF SARS-COV-2 RECEPTOR BINDING DOMAIN (RBD), METHODS FOR PURIFICATION AND USE THEREOF	Alan CHANG; Fabrizio ANELLA; Clement LEE; Bing WONG;	
136	20230194530	2022-12-16	CIRCULATING CARDIOVASCULAR BIOMARKERS AND VASCULAR STABILIZING THERAPY	Kathryn HOWE; Jason FISH; Dakota GUSTAFSON; Paaladinesh THAVENDIRANATHAN; Katherin HANNEMAN; Kevin KAIN;	
137	20230111947	2022-12-08	METHODS OF PROPHYLAXIS OF CORONAVIRUS INFECTION AND TREATMENT OF CORONAVIRUSES	Joan FALLON; Matthew HEIL; James FALLON; Janice HUGHES;	
138	20230303634	2022-12-06	OMICRON SARS-COV-2 ASSAY	Hongjie Xia; Xuping Xie; Pei-Yong Shi;	
139	20230277653	2022-12-02	STABILIZED BETA-CORONAVIRUS ANTIGENS	Jason MCLELLAN; Ching-Lin HSIEH;	
140	20230201332	2022-11-30	TETANUS VACCINE PLATFORM FOR EMBEDDING COVID-19 VACCINE	Bal SINGH; Kruti PATEL; Raj KUMAR;	PRIME BIO, INC.;

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#	Pub. No	Filed	Title	Inventors	Assignees
141	20230338512	2022-11-29	CORONAVIRUS VACCINE	Alexander Muik; Asaf Poran; Kena Swanson; Qi Yang; Hui Cai;	
142	20230165834	2022-11-28	ALPHA LIPOIC ACID, EPIGALLOCATECHIN 3-GALLATE, AND CURCUMIN AS A MEDICAMENT FOR THE TREATMENT OF ARTHRITIS AND SARS-COV-2	Dorian Bevec;	
143	20230167157	2022-11-23	ANTIGENIC DETERMINANTS PROTECTIVE IMMUNITY, SERODIAGNOSTIC AND MULTIVALENT SUBUNITS PRECISION VACCINE AGAINST SARS-CoV-2	Mohamed-Dahmani FATHALLAH; Khaled TRABELSI; Nouredine BEN KHALAF; Ahmad RAMADAN;	ARABIAN GULF UNIVERSITY;
144	20230330215	2022-11-18	SARS-COV-2 VACCINES	Roman Yelensky; Minh Cao; Mike Zhong; Justin Helbert; Karin Jooss; Ciaran Scallan; Leonid Gitlin; Amy Rappaport;	
145	20230091497	2022-11-17	METHODS OF TREATING OR PREVENTING SERIOUS SYMPTOMS FROM COVID-19 INFECTION	Henry Winchester;	
146	20230084035	2022-11-17	METHODS OF TREATING OR PREVENTING SERIOUS SYMPTOMS FROM COVID-19 INFECTION	Henry Winchester;	
147	20240075165	2022-11-16	CORONAVIRUS VACCINE	Ugur Sahin; Alptekin Güler; Andreas Kuhn; Alexander Muik; Annette Vogel; Kerstin Walzer; Sonja Witzel; Stephanie Hein; Özlem Türeci;	
148	20240067705	2022-11-15	SINGLE DOMAIN VHH ANTIBODIES AGAINST SARS-COV-2 VIRUS	Alejandro ROJAS; Guillermo VALENZUELA; Ronald JARA; Johanna HIMELREICH; Constanza SALINAS; Teresa PINTO; Natalia LÓPEZ; Yorka CHEUQUEMILLA; Alexei CUEVAS; Zaray MIRANDA; Benjamín UBERTI; Ananda MULLER;	
149	20230270675	2022-11-15	ADJUVANTED VACCINE COMPOSITION AND METHODS	Michael Bowe; David Wright;	
150	20230279079	2022-11-11	NOVEL MONOCLONAL ANTIBODIES AGAINST SARS-COV-2 AND USES THEREOF	Kuan-Ying HUANG;	
151	20230201326	2022-11-11	Immunogenic Compositions and Vaccines in the Treatment and Prevention of Infections	Gerald Fischer; Clara Sei;	Longhorn Vaccines and Diagnostics, LLC;
152	20230226082	2022-11-10	METHODS AND FORMULATIONS FOR TREATING AND PREVENTING LONG HAUL CORONAVIRUS (LONG COVID) SYMPTOMS AND SEQUELAE	Deepa Chitre; Debendranath Dey; Satej Nadkarni;	Bioved Pharmaceuticals, Inc.;
153	20230149492	2022-11-09	HERBAL COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING SARS-COV-2 VIRUS INFECTION	MIEN-CHIE HUNG; LONG-BIN JENG; SHENG-TENG HUANG; WEI-JAN WANG; HSIAO-FAN CHEN; WEI-TE HUANG; SHI-CHEN OU;	CHINA MEDICAL UNIVERSITY;
154	20240131139	2022-11-09	ADJUVANTED SUBCUTANEOUSLY-ADMINISTERED POLYPEPTIDE SARS-COV-2 VACCINES COMPOSITION AND METHODS	Michael Bowe; David Wright;	
155	20230203492	2022-11-07	ANTISENSE THERAPEUTICS FOR BETACORONAVIRUS TREATMENT	Hong Moulton; David Stein; Heinrich Feldmann; Kyle Rosenke;	Oregon State University; The U.S.A., as Represented by the Secretary, Department of Health and Human Services;
156	20230194543	2022-11-07	VIRUS PEPTIDE AND PROTEIN VARIANT SELECTION WORKFLOW	Johannes Vissers; Thomas McDonald; Keith Richardson;	Waters Technologies Corporation;
157	20230110915	2022-11-07	DISINFECTANTS WITH IODINE AND COPPER COMPLEXES FOR USE AGAINST CORONAVIRUS	Douglas MORGAN; Steve HARRISON; Tanya RHODES;	
158	20230242626	2022-11-04	COMPOSITION FOR TREATMENT AND PREVENTION OF COVID-19	Albert SCHMELZER; Sajal PATEL; Annette MEDINA; Austin GALLEGOS;	
159	20230183317	2022-11-04	METHODS OF DETECTING AND TREATING LUNG DAMAGE IN RESPIRATORY-RELATED VIRAL INFECTIONS	Julie Sutcliffe;	The Regents of the University of California;
160	20230190769	2022-10-31	E PROTEIN CHANNEL BLOCKERS AND ORF3 INHIBITORS AS ANTI-COVID-19 AGENTS	Isaiah ARKIN; Prabhat SINGH TOMAR; Miriam KRUGLIAK;	

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#	Pub. No	Filed	Title	Inventors	Assignees
161	20230144927	2022-10-31	METHODS FOR THE TREATMENT OF VIRAL RESPIRATORY INFECTIONS	DAVID SHANAHAN; JOHN NEMUNAITIS; ERNEST BOGNAR;	GRADALIS, INC.;
162	20230127624	2022-10-27	TRANSNASAL AND TRANSORAL NASOPHARYNGEAL DIAGNOSTICS AND THERAPEUTICS	Bruce Levin;	
163	20230265217	2022-10-26	MULTISPECIFIC SARS-COV-2 ANTIBODIES AND METHODS OF USE	Aaron SATO; Tom YUAN; Ana LUJAN HERNANDEZ;	
164	20230174488	2022-10-26	SARS-COV-2 INHIBITORS HAVING COVALENT MODIFICATIONS FOR TREATING CORONAVIRUS INFECTIONS	Aleksandrs Zavoronkovs; Yan Ivanenkov; Bogdan Zagribelnyy;	
165	20230210861	2022-10-26	LOCAL ADMINISTRATION OF NICOTINIC ACETYLCHOLINE RECEPTOR AGONISTS FOR THE INHIBITION OF CORONAVIRUS INFECTIONS	Jeffrey Nau; Eric Carlson;	
166	20230160025	2022-10-25	POINT-OF-CARE SARS-COV-2 VIRUS DIAGNOSTIC DEVICE AND METHODS OF USE THEREOF	Chang KIM; Jacob TOKAR; Fernando MOREIRA; Xiao JIANG;	
167	20230201167	2022-10-25	ANTI-VIRAL AGENTS AND METHODS FOR ADMINISTRATION THEREOF	John MH. Gregg;	
168	20240131100	2022-10-24	TREATMENT OF PATHOGEN INFECTIONS FORMULATIONS AND METHODS FOR USE	Mitchell Tate;	
169	20230131780	2022-10-21	METHODS OF DETECTING ANTIBODIES TO SARS-COV-2	LARRY MIMMS; Michael Hale; Stefan Westin;	PROCISEDX INC.;
170	20230358735	2022-10-21	VIRAL DETECTION SYSTEM AND METHODS OF USING SAME	Lia Stanciu-Gregory; Winston Yen-Yu Chen; Amit Barui; Ana Ulloa Gomez;	PURDUE RESEARCH FOUNDATION;
171	20230119141	2022-10-19	USES OF TAXIFOLIN FOR RESPIRATORY HEALTH	Steven CHEN; Linda MAY-ZHANG;	
172	20230146932	2022-10-14	MULTI-EPIOTOPE PAN-CORONAVIRUS VACCINE COMPOSITIONS	Lbachir BenMohamed;	
173	20230212583	2022-10-13	ANTISENSE THERAPEUTICS FOR THE TREATMENT OF CORONAVIRUS	Eva Friebertshäuser; Hong Moulton; David Stein;	Oregon State University; Philipps-Universität Marburg;
174	20230258638	2022-10-12	METHODS AND KITS FOR DETECTING OR DETERMINING AN AMOUNT OF AN ANTI-B-CORONAVIRUS ANTIBODY IN A SAMPLE	A Muerhoff; John Prostko; James Stewart; Mary RODGERS; Gavin CLOHERTY; James Hartnett; Jeff Moore; Kathy Otis; Alak Kar; Bailin Tu; Bryan Tieman; Carolyn Strobel; David Hawksworth; Robert Ziemann; Zhihong Lin; Chris Marohnic; Peter Wiebe; Todd Meyer; Weijie Jiao; Gangamani Belligere; Saminathan Muthusamy; Jessica Grieshaber; Sandra Pearce; Edwin Frias; Russell Taylor; Kelly Collier; Yangrong Zhang; Thomas Biegalski; David Daghfal; Claudio Galli; Sergey Tetin; Qiaoqiao Ruan; Patrick MacDonald; Michael Cassidy; Mary Gardiner; Mary Ann P Palafox; Matthew Matias; Melissa Brennan; Philip Schultz; Beth Trudeau;	
175	20230270668	2022-10-11	DRY FORMULATIONS OF ANTI-SARS-COV-2 VIRUS ANTIBODIES AND COMPOSITIONS AND METHODS OF USE THEREOF	Christopher EMIG; Steven HENRY; Adela VITUG; Dale CHRISTENSEN; Zhengrong CUI; Haiyue XU; Robert WILLIAMS, III;	
176	20230405108	2022-10-07	PEPTIDES AND COMBINATIONS OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST AN INFECTION BY SARS-COV-2 (COVID-19)	Juliane Walz; Annika Nelde; Hans-Georg Rammensee; Tatjana Bilich;	
177	20230104609	2022-10-03	DIAGNOSTIC SYSTEM AND METHODS OF USING AND MANUFACTURING THE SAME	Andrea Piana; Michael DeFranks; Sang-hoon Lim; Andy Hollis; Matteo Cocuzza; Valentina Sinisi; Andrea Zappettini; Natalia Malara; Marialaura Coluccio;	
178	20230190849	2022-09-30	USE OF HUANGQI EXTRACT FOR SUPPRESSING SARS-COV-2 ENTRY AND TREATING COVID-19 RELATED CYTOKINE STORM	I-Lin LEE;	

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#	Pub. No	Filed	Title	Inventors	Assignees
181	20230295244	2022-09-28	COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING CORONAVIRUSES	Matti Sällberg; Lars Frelin; Gustaf Ahlén;	
182	20230107428	2022-09-28	23-O-ACETYLALISOL B AS A NOVEL THERAPEUTIC AGENT FOR CORONAVIRUS INDUCED SEVERE ACUTE RESPIRATORY SYNDROME	Jiangang Shen; Qiaohui Du; Shuofeng Yuan;	
183	20230272051	2022-09-23	ANTI-SARS-COV-2 ANTIBODIES DERIVED FROM 2DD8	Jacob Glanville; Shahrad Daraeikia; I-Chieh Wang; Sindy Liao Chan; Jean-Philippe Bürckert; Sawsan Youssef;	
184	20230374080	2022-09-20	METHODS FOR CONTROL OF AN INFECTIVE DISEASE WITH A VACCINE	Dai Wang;	
185	20230105376	2022-09-20	PIV5-BASED CORONAVIRUS VACCINES AND METHODS OF USE THEREOF	Zhuo LI; Biao HE; Hong JIN; Ashley BEAVIS; Maria GINGERICH;	CYANVAC LLC;
186	20230034357	2022-09-19	Aerial Disinfection	Emile Grignard, III;	
187	20230129386	2022-09-15	TREATMENT OF COVID-19 WITH REVERSE MICELLE SYSTEM COMPRISING UNMODIFIED OLIGONUCLEOTIDES	Hervé SEITZ; Abdelkader MOURI; Jean-Claude MAUREL;	
188	20230331821	2022-09-14	ANTIBODIES AGAINST SARS-COV-2 AND METHODS OF USING THE SAME	Davide CORTI; Katja FINK; Martina BELTRAMELLO; Elisabetta CAMERONI; Dora PINTO; Gyorgy SNELL; Florian LEMPP; Amalio TELENTI;	
189	20230120254	2022-09-14	Nitrile-Containing Antiviral Compounds	Dafydd Owen; Matthew Reese; Matthew Sammons; Jamison Tuttle; Patrick Verhoest; Qingyi Yang;	Pfizer Inc.;
190	20230043710	2022-09-13	METHODS AND KITS FOR THE DETECTION OF SARS-COV-2	David Engelthaler; Jolene Bowers; James Schupp;	
191	20230110013	2022-09-13	COMPOSITIONS AND METHODS PROVIDING NUTRITIONAL AND OTHER BENEFITS HAVING ANTIVIRAL PROPERTIES	Fredrik SANDBERG;	
192	20230233667	2022-09-08	CORONAVIRUS VACCINE	Gilles Besin; Heidi Burke; Richard Malley;	
193	20230218743	2022-09-06	Peptide Therapeutics Against SARS-COV-2 Spike Protein	Jay NELSON; Oleksandr BUZKO; Wendy HIGASHIDE; Kayvan NIAZI; Clifford OLSON; Patrick SOON-SHIONG; Shiho TANAKA;	
194	20230090551	2022-08-26	COMPOSITION, KIT AND METHOD FOR DETECTING SARS-COV-2 AND USE THEREOF	Lizhong DAI; Zhongping DENG; Deyong TAN; Jia LIU; Bozhi JI; Jin YAN; Xinwu GUO; Xiaomei REN; Kang WU; Xing CHENG;	
195	20230338509	2022-08-26	T CELL MODULATORY POLYPEPTIDES AND METHODS OF USE THEREOF	Anish Suri;	
196	20230204581	2022-08-26	COMPOSITIONS AND METHODS FOR THE DETECTION OF VIRUSES IN A BIOLOGICAL SAMPLE	Elisabeth Laderman; Zackary Irani-Cohen;	
197	20230147004	2022-08-25	DETECTION OF SARS-COV-2 USING RNA MULTI-ARM JUNCTION LOGIC GATES	Alexander Green; Duo Ma;	
198	20230263797	2022-08-25	Mammalian Hybrid Pre-Autophagosomal Structure HyPAS and Compositions and Methods for the Treatment of Coronavirus Infections and Related Disease States	Vojo Deretic; Graham Timmins; Suresh Kumar;	
199	20230242592	2022-08-24	IDENTIFICATION OF BIOMIMETIC VIRAL PEPTIDES AND USES THEREOF	Andre WATSON; Alexander Izvorski;	
200	20240069014	2022-08-23	SARS-CoV-2 Rapid Detection Device	Xinge YU; Hu LI; Jingkun ZHOU;	

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201	20220401519	2022-08-21	Use of Interferon in Preparing Drug for Preventing Coronavirus Infection or Preventing Disease Caused by Coronavirus Infection	Zhongji MENG; Hai LI;	
202	20230064951	2022-08-18	PRODRUGS, ANALOGS OR DERIVATIVES OF KAEMPFEROL AS ANTIVIRAL AGENTS	Parul Lakhlani; Parthasarathy Krishnan;	
203	20230192818	2022-08-17	SARS-COV-2 ANTIBODIES AND RELATED COMPOSITIONS AND METHODS OF USE	Aaron SATO; Qiang LIU; Tom YUAN; Ana LUJAN HERNANDEZ;	
204	20230192819	2022-08-17	SINGLE DOMAIN ANTIBODIES FOR SARS-COV-2	Aaron SATO; Qiang LIU; Mary MATHIEU; Ana LUJAN HERNANDEZ;	
205	20220387749	2022-08-15	DEVICE, SYSTEM, AND METHOD FOR REDUCING CORONASOMNIA TO ENHANCE IMMUNITY AND IMMUNE RESPONSE	Alexander Poltorak;	
206	20220389405	2022-08-15	METHODS AND COMPOSITIONS FOR COLLECTION AND PRESERVATION OF BIOLOGICALS	Vincent Bicocca; Trevor Levin;	
207	20230102810	2022-08-12	THE USE OF UNRIPENED GREEN MANGIFERA INDICA AS A NATURAL PREPARATION TO TREAT SARS-COV-2	Sabah A A Jassim; Hassan El-Cheikh; Maryam Jassim; Issa El-Cheikh;	
208	20230149533	2022-08-05	SARS-COV-2 MUCOSAL VACCINE COMPOSITION, PREPARATION AND USE THEREOF	SUH WU; PIN-HAN CHOU; HE-CHIN HSIEH;	
209	20230108258	2022-08-05	ANTIBODY-FREE RAPID DETECTION OF SARS-COV-2 PROTEINS USING CORONA PHASE MOLECULAR RECOGNITION (COPHMORE)	Sooyeon Cho; Michael Strano; Xiaojia Jin; Xun Gong; Sungyun Yang; Jianqiao Cui;	Massachusetts Institute of Technology;
210	20230332253	2022-08-05	COMPOSITIONS AND METHODS FOR DETECTION OF CORONAVIRUS	Maria-Nefeli TSALOGLOU; Clare FASCHING; Jesus CHING; Janice CHEN; James BROUGHTON; Daniel DRZAL; Sarah SHAPIRO;	
211	20230210844	2022-08-05	PHARMACEUTICAL COMBINATION HAVING POTENT ANTIVIRAL ACTIVITY AGAINST SINGLE-STRANDED RNA VIRUSES INCLUDING CORONAVIRUSES AND MONKEYPOX	Carl Freer;	Feynman Labs FZ-LLC;
212	20230213515	2022-08-05	DRUG AND DIAGNOSTIC COMBINATION SYSTEM TO IDENTIFY AND TREAT SINGLE-STRANDED RNA VIRUSES INCLUDING CORONAVIRUSES AND MONKEYPOX	Carl Freer;	Feynman Labs FZ-LLC;
213	20230332254	2022-08-04	COMPOSITIONS AND METHODS FOR RAPID DETECTION OF SARS-CoV-2	Walter Lipkin; Thomas BRIESE; Nischay MISHRA; Rafal TOKARZ; Simon WILLIAMS;	
214	20230141962	2022-08-04	COMPOSITIONS FOR PREVENTING OR TREATING VIRAL AND OTHER MICROBIAL INFECTIONS	Cheng LIU; Hongbing Zhang; Zhiyuan Yang; Jingyi Xiang; Ziyu Cui; Jianying Liu;	
215	20230058789	2022-08-01	SARS-COV-2 CHIMERIC VLP VACCINE COMPOSITION, EXPRESSING VECTOR AND USE THEREOF	SUH WU; Wei Lin; Ting Chen;	
216	20230104171	2022-07-29	Engineered Alum-binding SARS-CoV-2 Immunogens	Kristen Rodrigues; Sergio Rodriguez Aponte; Neil Dalvie; Darrell Irvine; J Love;	
217	20230038577	2022-07-28	NUTRACEUTICAL FORMULATIONS TO PREVENT, TREAT, AND INHIBIT EXCESS CYTOKINES, SARS-CoV-2 SPIKE PROTEINS, AND mRNA VACCINE SPIKE PROTEINS	Mark Fluga;	
218	20230057482	2022-07-25	ENGINEERED CRISPR-CAS SYSTEMS AND METHODS FOR SENSITIVE AND SPECIFIC DIAGNOSTICS	Blake WIEDENHEFT; Andrew SANTIAGO-FRANGOS; Anna NEMUDRAIA; Artem NEMUDRYI;	
219	20230065895	2022-07-21	POXVIRAL-BASED VACCINE AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 AND METHODS USING THE SAME	Wen Chang; Rakesh Kulkarni; Shiu-Lok Hu;	ACADEMIA SINICA;
220	20230041309	2022-07-21	COMPOSITIONS AND VACCINES FOR TREATING AND/OR PREVENTING CORONAVIRUS VARIANT INFECTIONS AND METHODS OF USING THE SAME	Himanshu Brahmabhatt; Jennifer MacDiarmid;	EnGeneIC Molecular Delivery Pty Ltd;

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221	20230043703	2022-07-21	DETECTION OF GENETIC VARIANTS	YAN WANG; STEVEN OKINO; JASON MA;	
222	20220347290	2022-07-20	HCoV IMMUNOGENIC BOOSTER COMPOSITION FOR IMPROVING IMMUNITY AGAINST SARS-COV-2 INFECTION	Timothy Moore; Cullen Moore;	
223	20220362344	2022-07-17	TREATMENT FOR SARS-COV-2 AND OTHER CORONAVIRUSES	Drora SHEVY;	
224	20220403009	2022-07-14	MULTIMERIC CORONAVIRUS BINDING MOLECULES AND USES THEREOF	Paul Hinton; Bruce Keyt; Dean Ng; Kathy Miller; Deepal Pandya; Stephen Carroll;	
225	20230017081	2022-07-13	BIOSENSOR FOR DETECTION OF SARS-COV-2 SPIKE GLYCOPROTEIN AND RELATED METHODS	Garrett Lindemann;	
226	20230047473	2022-07-12	siRNA based on RNA sequence of SARS-CoV-2 and use thereof	Tetsuhiko Yoshida; Nahoko Baileykobayashi; Kazuo Takayama; Rina Hashimoto; Yoshinori Yoshida;	
227	20230025108	2022-07-12	RAPID ASSAY FOR DETECTION OF SARS-CoV-2 ANTIBODIES	Hans HAECKER; Vanessa REDECKE;	
228	20230040061	2022-07-08	CRISPR-BASED PROGRAMMABLE RNA EDITING	Blake WIEDENHEFT; Joseph NICHOLS; Anna NEMUDRAIA; Artem NEMUDRYI;	
229	20230042039	2022-07-07	Method For Detecting SARS-CoV-Related Betacoronaviruses	Michael McIntosh; Ibukun Akinyemi;	
230	20220339132	2022-07-01	VIDOFLUDIMUS FOR USE IN THE TREATMENT OR PREVENTION OF VIRAL DISEASES	Manfred GRÖPPEL; Daniel VITT; Hella KOHLHOF; Andreas MÜHLER;	Immunic AG;
231	20240002446	2022-06-29	PROTEOLIPOSOMES COMPRISING A SARS-COV-2 S GLYCOPROTEIN ECTODOMAIN AND THEIR USE AS A VACCINE	Winfried WEISSENHORN; Guidenn SULBARAN MACHADO; Delphine GUILLIGAY; Gregory EFFANTIN; Axelle AMEN; Pascal POIGNARD; Roger LE GRAND; Pauline MAISONNASSE;	
232	20230002780	2022-06-24	EXPRESSION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2) SPIKE PROTEIN SEQUENCES IN PLANTS AND PLANT PRODUCED VACCINE FOR SAME	John Howard; Erin Egelkrout;	
233	20240115693	2022-06-23	SARS-COV-2 ANTIGEN NANOPARTICLES AND USES THERE OF	Francesco Borriello; Ofer Levy; David Dowling; Sirano Dhe-Paganon; Hyuk-Soo Seo;	Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.;
234	20230042509	2022-06-22	TREATMENT FOR DISEASES CAUSED BY RNA VIRUSES	Oral ALPAN;	Amerimmune LLC;
235	20230002478	2022-06-22	METHODS AND COMPOSITIONS RELATING TO COVID ANTIBODY EPITOPES	Aaron SATO; Qiang LIU; Tom YUAN;	
236	20220404362	2022-06-21	Methods and Systems for Detecting SARS-CoV-2 Analytes in Dried Samples	Bradley Collier; Russell Grant;	
237	20220411886	2022-06-21	Methods and Systems for Detection of Covid Variants	Jonathan Williams; Brian Krueger; Brian Norvell; Scott Parker; Lakshmanan Iyer; Hayden Brochu;	
238	20220339295	2022-06-17	FULLERENE GALLIUM PHOSPHONATE AND METHODS	Peter Butzloff;	
239	20230033285	2022-06-16	Protease Inhibitors for Treatment of Coronavirus Infections	Arnab Chatterjee; Jian Chen; Elshan Nakath; Alireza Rahimi; Anil Gupta; Gennadii Grabovyi; Katy Wilson; Sourav Ghorai; Armen Nazarian; James Pedroarena; Wrickban Mazumdar; Frank Weiss; Lirui Song; Malina Bakowski; Laura Riva; Karen Wolff; Case McNamara; Thomas Rogers; Jacqueline Malvin; Shuangwei Li; Sean Joseph; Ashley Woods; Yuyin Liu; Neechi Okwor;	
240	20220411409	2022-06-15	PRODRUGS, ANALOGS OR DERIVATIVES OF ANTHOCYANIDIN AS ANTIVIRAL AGENTS	Parul Lakhani; Parthasarathy Krishnan;	

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#	Pub. No	Filed	Title	Inventors	Assignees
241	20220401468	2022-06-15	Heparanase Inhibitor as Anti-Viral and Immunomodulatory Therapy	Katherine Weilbaecher; Jingyu Xiang;	Washington University;
242	20230321138	2022-06-14	METHODS OF PREVENTING OR TREATING CORONAVIRUS INFECTION AND REDUCING CORONAVIRUS INFECTION RATE IN VITRO WITH ANTIVIRAL COMPOSITION COMPRISING POLY(3,4-ETHYLENEDIOXYTHIOPHENE):POLY(STYRENE SULFONATE)	Ming-Han TSAI;	
243	20240189254	2022-06-14	Xylitol Topical Ocular Solution	Stephen Sinclair; Joseph Greenberg;	
244	20220389063	2022-06-09	COMPOSITIONS AND METHODS FOR TREATING SARS-CoV-2 INFECTIONS	VINCENT BOND; Ming Huang; James Lillard, JR;	
245	20230149493	2022-06-08	COMPOSITIONS AND METHODS FOR TREATING COVID-19 AND SYMPTOMS THEREOF	Keshav Singh; Leopoldo Aguirre;	
246	20230172907	2022-06-03	SARS-COV-2 INHIBITORS	MAHMOUD KANDEEL; HYUNG-JOO KWON;	
247	20220323574	2022-06-01	IMMUNOGENIC AND VACCINE COMPOSITIONS AGAINST SARS-CoV-2	MICHAEL CHO;	
248	20230024494	2022-05-27	NEW SALIVA-BASED LATERAL-FLOW ANTIBODY TEST PLATFORM FOR ASSESSING INFECTIONS AND VACCINATION EFFICACY	Meijie Tang; Dingying Shan; Hongjie Dai;	
249	20220372146	2022-05-24	METHODS FOR TREATING POST INFECTIOUS AUTOIMMUNE DIABETES	Francisco Leon;	Provention Bio, Inc.;
250	20220339140	2022-05-24	TREATMENT OF HUMAN CORONAVIRUS INFECTIONS USING ALPHA-GLUCOSIDASE GLYCOPROTEIN PROCESSING INHIBITORS	ERIC HOLMES; GARY OSTRANDER; GEOFFREY DOW;	
251	20230043887	2022-05-23	COMPOSITIONS AND METHODS RELATED TO SURGE-ASSOCIATED SARS-COV-2 MUTANTS	Venkataramanan Soundararajan; Aiveliagaram Venkatakrishnan; Joseph Du-Che Yao;	
252	20220411401	2022-05-23	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Hiroaki Mitsuya; Andrew Mesecar; Dana Shahabi;	
253	20220404360	2022-05-20	ASSAYS FOR VIRAL STRAIN DETERMINATION	George SIGAL; Seth HARKINS; Timothy BREAK;	
254	20220381780	2022-05-20	VIRAL STRAIN SEROLOGY ASSAYS	Jacob WOHLSTADTER; George SIGAL; James WILBUR; Jeffery DEBAD; Hans BIEBUYCK; Priscilla KRAI; Alan KISHBAUGH; Leonid DZANTIEV; Christopher SHELBURNE; Christopher CAMPBELL; Anastasia AKSYUK; Adrian MCDERMOTT; Sarah O'CONNELL; Sandeep NARPALA; Chien LIN;	
255	20220370382	2022-05-20	METHODS AND COMPOSITIONS FOR CORRECTION OF AUTONOMIC DYSFUNCTIONS	Diana Driscoll;	
256	20220370601	2022-05-19	SARS-CoV-2 POLYPEPTIDES	Gregory POLAND; Inna OVSYANNIKOVA; Richard KENNEDY;	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH;
257	20220277604	2022-05-19	METHOD AND APPARATUS FOR PERSONAL PATHOGEN STATUS VERIFICATION AT POINT OF ENTRY INTO AN AREA OF CONGREGATION	Mark KLEIN; Wendell BROWN;	OpenClear, Inc.;
258	20220370958	2022-05-18	ANTIBODY CONJUGATED NANOPARTICLE ASSAY AND TREATMENT FOR SARS-CoV-2	Qiang Chen; Haiyan Sun; Mitchell Felder;	
259	20230115257	2022-05-17	SARS-COV-2 SPIKE PROTEIN ANTIBODIES	Brian ZABEL; Dan LUO; Ling ZHANG; Vydehi KANNEGANTI; Joyce YU; Sophie YANG; Lequn ZHAO; Hua TU; Xiaomei GE;	
260	20220372114	2022-05-17	SARS-COV-2 SPIKE PROTEIN ANTIBODIES	Brian ZABEL; Dan LUO; Ling ZHANG; Vydehi KANNEGANTI; Joyce YU; Sophie YANG; Lequn ZHAO; Hua TU;	

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#	Pub. No	Filed	Title	Inventors	Assignees
261	20230002477	2022-05-16	METHOD FOR TREATING INFECTION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2)	Jiu-Yao WANG;	
262	20220362239	2022-05-11	PHARMACEUTICAL COMPOSITION AND METHOD FOR TREATMENT OF ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) IN CORONAVIRUS DISEASE (COVID-19)	Anil Gulati;	PHARMAZZ, INC.;
263	20220265707	2022-05-11	ANTIMICROBIAL NANO-SURFACTANT AND METHODS	Peter Butzloff;	
264	20220265850	2022-05-11	ANTIMICROBIAL NANO-DELIVERANT AND METHODS	Peter Butzloff;	
265	20220370598	2022-05-05	Vaccines Against Coronavirus and Methods of Use	Jian Yan; Kate Broderick; David Weiner; Kar Muthumani; Ami Patel;	
266	20220372082	2022-05-02	COMPOSITIONS AND METHODS FOR TREATING SARS-COV-2 INFECTIONS	Venkataramanan Soundararajan; Murali Aravamudan; Arjun Puranik; Praveen Anand; Aiveliagaram Venkatakrishnan;	
267	20220370599	2022-05-02	MESSENGER RNA THERAPEUTICS AND COMPOSITIONS	James ABSHIRE; Christopher JH. DAVITT; Ian HILL; Lorenzo AULISA; Marcelo SAMSA; Nabanita DE; Michael HUDSON; Rachit JAIN; Himanshu DHAMANKAR; William FARMER; Christopher GREGG;	
268	20240139742	2022-05-02	A NANOFUIDIC DEVICE FOR RAPID AND MULTIPLEXED SEROLOGICAL ANTIBODY DETECTION	Thomas Mortelmans; Yasin Ekinci; Xiaodan Li;	
269	20230194525	2022-04-29	PEPTIDE BASED PROBES FOR THE DETECTION OF SARS-COV-2	Pranam CHATTERJEE; Raghava PONNAPATI; Soumya TRIPATHY; Joseph JACOBSON;	
270	20220395548	2022-04-27	HEVAMINE-RELATED PLANT COMPOSITIONS AND METHODS	Michael POWELL; Erick Vidjin' Agnih GBODOSSOU;	
271	20220340658	2022-04-26	NEUTRALIZING ANTI-SARS-CoV-2 ANTIBODIES AND USE THEREOF	Michael Diamond; Laura VanBlargan; Daved Fremont; Lucas Adams;	
272	20220288194	2022-04-25	RECOMBINANT POLYPEPTIDES CONTAINING AT LEAST ONE IMMUNOGENIC FRAGMENT AND USES THEREOF	Fritz Schomburg; David Rancour;	Boost Biopharma, Inc.;
273	20220339280	2022-04-22	Immunogenic Compositions Against SARS-COV-2 Variants and Their Methods of Use	Charles Reed; Stephanie Ramos; Trevor Smith; Maria Yang; Richa Kalia; Kate Broderick;	
274	20240184016	2022-04-22	POLYSACCHARIDE HYDROGEL OPTICAL FIBERS AND THEIR FABRICATION AND USE	Utkan Demirci; Rajib Ahmed; Rui Reis; Carlos Guimaraes;	
275	20220372080	2022-04-21	SARS-COV-2 SUBUNIT AND VARIANT VACCINES	Peter Kipp; Brian Berquist; Sreenath Palle;	
276	20220341932	2022-04-21	ANTIBODY ASSAY FOR SARS-CoV-2	Qiang Chen; Haiyan Sun; Collin Jugler; Adrian Esqueda; Mitchell Felder;	
277	20220252588	2022-04-21	NEUTRALIZING ANTIBODY TESTING AND TREATMENT	Sergei SVAROVSKY;	
278	20220317012	2022-04-20	PARTICLE, INCLUDING SARS-COV-2, DETECTION AND METHODS THEREFOR	Martin COLE;	
279	20240181014	2022-04-20	USE OF AVIPTADIL ALONE OR IN COMBINATION WITH ALPHA LIPOIC ACID AS A THERAPEUTIC MEDICAMENT FOR POST-VIRAL INFECTION SYNDROME	Dorian BEVEC;	
280	20240181044	2022-04-20	GLYCAN MODIFIED SPIKE RECEPTOR BINDING DOMAIN NANOPARTICLES AND METHOD OF USE THEREOF AS A CORONAVIRUS DISEASE 2019 (COVID-19) VACCINE	Daniel Kulp; Yuanhan Wu; Kylie Konrath; Kevin Liaw; Ziyang Xu; David Weiner;	

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281	20240192214	2022-04-18	COLOR: A LOW-COST OPTODIAGNOSTIC FOR SARS-COV-2	César DE LA FUENTE-NUNEZ; Marcelo DER TOROSSIAN TORRES; Lucas FELIPE DE LIMA; André LOPES FERREIRA; William REIS DE ARAUJO;	
282	20220323384	2022-04-18	NICLOSAMIDE FORMULATIONS FOR TREATING DISEASE	Morten Otto Alexander Sommer; Rasmus Toft-Kehler; Anne Toft-Kehler; Günter Ditzinger; Mads Jellingsoe; Phillippe Andres; Matthias Knopp;	
283	20240182991	2022-04-18	Colorimetric COVID-19 Rapid-Test and Methods of Using Same	Chen Liu; Kien Pham; Jianhui Wang;	
284	20220265816	2022-04-15	USE OF THE AGENT FOR INDUCTION OF SPECIFIC IMMUNITY AGAINST SEVERE ACUTE RESPIRATORY SYNDROME VIRUS SARS-COV-2 FOR REVACCINATION OF POPULATION (VARIANTS)	Olga ZUBKOVA; Tatiana OZHAROVSKAIA; Inna DOLZHIKOVA; Olga POPOVA; Dmitrii SHCHEBBLIAKOV; Daria GROUSOVA; Alina DZHARULLAEVA; Amir TUKHVATULIN; Natalia TUKHVATULINA; Dmitrii SHCHERBININ; Ilias ESMAGAMBETOV; Elizaveta TOKARSKAYA; Andrei BOTIKOV; Alina EROXOVA; Fatima IZHAeva; Natalya NIKITENKO; Nadezhda LUBENETS; Aleksandr SEMIKHIN; Vladimir CHERNETSOV; Evgenii KRIUKOV; Vladimir BABIRA; Dmitrii KUTAEV; Svetlana LOGINOVA; Boris NARODITSKY; Denis LOGUNOV; Aleksandr GINTSBURG;	
285	20220339279	2022-04-15	RECOMBINANT PROTEINS, COMPOSITIONS, VECTORS, KITS, AND METHODS FOR IMMUNIZING AGAINST, AND TESTING FOR EXPOSURE TO, SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2	Kenneth Bayles; Gloria Borgstahl; Siddappa Byraredy; Chittibabu Guda; St Reid; Mara Broadhurst; Andrew Schnaubelt;	
286	20220331624	2022-04-15	FACIAL PROTECTION ELEMENT FOR PROTECTION AGAINST RISKS OF EXPOSURE TO INFECTIOUS BIOLOGICAL AGENTS	Ángel SERRANO AROCA; Miguel MARTI JIMENEZ;	FUNDACION UNIVERSIDAD CATOLICA DE VALENCIA SAN VICENTE MARTIR;
287	20230256081	2022-04-14	METHOD FOR PREPARING ATOMIZING SARS-COV-2 NANOVACCINE	Bin ZHENG; Yulin CAO; Tingting HUA; Shixiang CHENG;	Healthina Stem Cell Industry Platform (Tianjin) Limited; Tangyi Holdings(Shenzhen) Limited;
288	20220331421	2022-04-13	Methods of Inducing Immune Response Against Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants of Concern	Trevor Smith; Stephanie Ramos; Viviane Machado De Mello Andrade;	
289	20220259145	2022-04-13	SARS-COV-2 MAIN PROTEASE INHIBITORS	Wenshe LIU; Carol FIERKE; Shiqing XU; Kai YANG; Xinyu MA; Yuying MA; Yugendar ALUGUBELLI; Erol VATANSEVER; Chia-Chuan CHO; Zhi GENG; Kaustav KHATUA;	
290	20240180878	2022-04-13	AMIDE DERIVATIVES OF BUTYRIC ACID FOR USE IN THE TREATMENT OR PREVENTION OF SARS-COV-2 INFECTION	Carmine SPERA;	
291	20220259618	2022-04-12	AGENT FOR INDUCING SPECIFIC IMMUNITY AGAINST SEVERE ACUTE RESPIRATORY SYNDROME VIRUS SARS-COV-2 IN LIQUID FORM (VARIANTS)	Olga ZUBKOVA; Tatiana OZHAROVSKAIA; Inna DOLZHIKOVA; Olga POPOVA; Dmitrii SHCHEBBLIAKOV; Daria GROUSOVA; Alina DZHARULLAEVA; Amir TUKHVATULIN; Natalia TUKHVATULINA; Dmitrii SHCHERBININ; Ilias ESMAGAMBETOV; Elizaveta TOKARSKAYA; Andrei BOTIKOV; Alina EROXOVA; Fatima IZHAeva; Natalya NIKITENKO; Nadezhda LUBENETS; Aleksandr SEMIKHIN; Sergey BORISEVICH; Boris NARODITSKY; Denis LOGUNOV; Aleksandr GINTSBURG;	
292	20240016917	2022-04-12	IMPROVED CORONAVIRUS VACCINE	Che MA; Chi-Huey WONG; Han-Yi HUANG;	
293	20220323345	2022-04-11	HUMANIZED ANTIBODY FOR SARS-CoV-2 SPIKE PROTEIN INFUSION	Qiang Chen; Mitchell Felder;	
294	20220326240	2022-04-08	IMMUNOASSAY FOR SARS-COV-2 AND MATERIALS THEREFOR	RAVI KAUL; SHUXIA ZHOU; ROGER WALKER;	
295	20220249655	2022-04-07	AGENT FOR INDUCING SPECIFIC IMMUNITY AGAINST SEVERE ACUTE RESPIRATORY SYNDROME VIRUS SARS-COV-2 IN LYOPHILIZED FORM (VARIANTS)	Olga Zubkova; Tatiana Ozharovskaia; Inna Dolzhikova; Olga Popova; Dmitrii Shchebliakov; Daria Grousova; Alina Dzharullaeva; Amir Tukhvatulin; Natalia Tukhvatulina; Dmitrii Shcherbinin; Ilias Esmagambetov; Elizaveta Tokarskaya; Andrei Botikov; Alina EroxoVa; Fatima Izhaeva; Natalya Nikitenko; Nadezhda Lubenets; Aleksandr Semikhin; Sergey Borisevich; Boris Naroditsky; Denis Logunov; Aleksandr Gintzburg;	
296	20220226466	2022-04-07	PHARMACEUTICAL AGENT FOR INDUCING SPECIFIC IMMUNITY AGAINST SARS-COV-2	Olga ZUBKOVA; Tatiana OZHAROVSKAIA; Inna DOLZHIKOVA; Olga POPOVA; Dmitrii SHCHEBBLIAKOV; Daria GROUSOVA; Alina DZHARULLAEVA; Amir TUKHAVTULIN; Natalia TUKHVATULINA; Dmitrii SHCHERBININ; Ilias ESMAGAMBETOV; Elizaveta TOKARSKAYA; Andrei BOTIKOV; Alina EROXOVA; Fatima IZHAeva; Aleksandr SEMIKHIN; Sergey BORISEVICH; Boris NARODITSKY; Denis LOGUNOV; Aleksandr GINTSBURG;	
297	20240181070	2022-04-07	NANOVACCINES FOR TREATMENT OF VIRAL DISEASES	Ronit SATCHI-FANARO; Helena FLORINDO;	Ramot at Tel-Aviv University Ltd.;

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#	Pub. No	Filed	Title	Inventors	Assignees
301	20220225608	2022-04-05	FAST-ACTING ANTIMICROBIAL SURFACES, AND METHODS OF MAKING AND USING THE SAME	Adam GROSS; Andrew NOWAK; Ashley DUSTIN; Jason GRAETZ; John VAJO;	
302	20220227776	2022-04-04	PRODRUGS OF 1'-SUBSTITUTED CARBA-NUCLEOSIDE ANALOGUES FOR ANTIVIRAL TREATMENT	Victoria Yan; Matthew Yan;	Copycat Sciences Inc.;
303	20240181042	2022-04-01	SARS-COV-2 VACCINE COMPOSITION AND USE THEREOF	Suh-Chin Wu; I-Chen Chen; Wei-Shuo Lin; Yi-Chien Lee; Hao-Chan Hong;	
304	20240192224	2022-04-01	NEUTRALIZING ANTIBODY ASSAYS AND COMPOSITIONS	Ge CHEN; Hong LIU; Shahrokh SHABAHANG;	
305	20230310467	2022-03-31	PHARMACEUTICAL COMBINATION THERAPY AND PREVENTION WITH APROTININ + REMDESIVIR OF SARS-CoV-2 AND/OR DISEASE ASSOCIATED WITH THIS INFECTION, INCLUDI COVID-19	Alexandre Ivachtchenko; Andrey Ivashchenko; Alena Ivachtchenko; Ilya Ivashchenko; Nikolay Savchuk;	ASAVI LLC; Other;
306	20230310480	2022-03-31	PHARMACEUTICAL COMBINATION THERAPY AND PREVENTION WITH APROTININ + MOLNUPIRAVIR OF SARS-CoV-2 AND/OR DISEASE ASSOCIATED WITH THIS INFECTION, INCLUDI COVID-19	Alexandre Ivachtchenko; Andrey Ivashchenko; Alena Ivachtchenko; Ilya Ivashchenko; Nikolay Savchuk;	ASAVI LLC; Other;
307	20220235376	2022-03-31	EXPRESSION VECTOR AGAINST SEVERE ACUTE RESPIRATORY SYNDROME VIRUS SARS-COV-2	Olga ZUBKOVA; Tatiana Ozharovskaia; Inna Dolzhikova; Olga Popova; Dmitrii Shchebliakov; Daria Grousova; Alina Dzharullaeva; Amir Tukhvatulin; Natalia Tukhvatulina; Dmitrii Shcherbinin; Ilias Esmagambetov; Elizaveta Tokarskaya; Andrei Botikov; Alina Eroxo; Natalya Nikitenko; Aleksandr Semikhin; Sergey Borisevich; Boris Naroditsky; Denis Logunov; Aleksandr Gintsburg;	
308	20240182549	2022-03-31	PEPTIDES AND ANTIBODY FUSIONS THAT BIND TO SARS-COV-2 AND METHODS OF USING SAME	Sachdev SIDHU; Shane MIERSCH; Gang CHEN; Jonathan LABRIOLA;	
309	20230038771	2022-03-31	Sleep quality using full spectrum hemp oil	Clint Sorensen; Melanie Montgomery; Matt Smith;	
310	20220325362	2022-03-31	VIRUS DETECTION VIA PROGRAMABLE TYPE III-A CRISPR-CAS SYSTEMS AND METHODS	Hong Li; Sagar Sridhara; Hemant Goswami; Charlisa Whymys;	
311	20240174837	2022-03-31	POLYOLEFIN COMPOSITION HAVING IMPROVED ANTIBACTERIAL AND ANTIVIRAL PROPERTIES	Ling Fan; Abderrahmane Meddad; Yahya Banat; Jun Zhou;	
312	20240158763	2022-03-30	OPTIMAL PRODUCTION OF SARS-COV-2 VIRUS-LIKE PARTICLES (VLPs) PRODUCED IN MAMMALIAN CELLS	Brenda HOGUE;	
313	20220324918	2022-03-29	SARS-CoV-2 SPIKE ECTODOMAIN POLYPEPTIDES AND COMPOSITIONS AND METHODS THEREOF	Frank Lee; Yushun Wan;	REGENTS OF THE UNIVERSITY OF MINNESOTA;
314	20220213176	2022-03-23	ANTIBODIES AGAINST SARS-COV-2 SPIKE PROTEIN	Peixiang Ma; Guang Yang; Richard Lerner; Min Qiang; Hou Wang;	
315	20220387561	2022-03-23	TREATMENT OF SEVERE ACUTE RESPIRATORY SYNDROME-RELATED CORONAVIRUS INFECTION WITH KLOTHO	Román Macaya Hayes;	
316	20240166738	2022-03-23	ANTI-TMEM106B ANTIBODIES FOR TREATING AND PREVENTING CORONAVIRUS INFECTIONS	Herve RHINN; Eric BROWN;	
317	20240173273	2022-03-23	USE OF PANTETHINE FOR THE TREATMENT OF SARS COV-2 INFECTIONS	Mireille LAFORGE; Mohamad ABOU HAMDAN; Lucien DE REGGI; Rachelle SALEH;	
318	20240165219	2022-03-22	Application of an Immunogenic or Vaccine Composition Against COVID-19	Norbert Schrage; Frank Holzer; Joël Blomet; Daniel Desmecht;	EYE VACC;
319	20240166727	2022-03-21	HUMAN NEUTRALIZING ANTIGEN SPECIFIC PROTEINS FOR SPIKE-RBD OF SARS-COV-2	Claudia De Lorenzo; Nicola Zambrano; Massimo Zollo;	CEINGE BIOTECNOLOGIE AVANZATE SCARL;
320	20230293090	2022-03-21	NEUROPHYSIOLOGICAL ASSESSMENT, IDENTIFICATION, PERMISSION CONTROL, MONITORING, AND NOTIFICATION SYSTEM FOR COVID-19	Clifton LACY; Warren Gifford; David Turock;	

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321	20240182987	2022-03-21	COMPOSITIONS AND METHODS FOR RAPID COVID-19 DETECTION	Xin Song; John Reif;	
322	20220281958	2022-03-18	HUMAN MONOCLONAL ANTIBODIES TO SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	James CROWE, JR; Seth ZOST; Robert CARNAHAN; Pavlo GILCHUK;	Vanderbilt University;
323	20230073461	2022-03-18	CORONAVIRUS VACCINE	Ugur Sahin; Alptekin Güler; Andreas Kuhn; Alexander Muik; Annette Vogel; Kerstin Walzer; Sonja Witzel; Stephanie Hein; Özlem Türeci;	
324	20220307095	2022-03-18	MASSIVELY PARALLEL COVID-19 DIAGNOSTIC ASSAY FOR SIMULTANEOUS TESTING OF 19200 PATIENT SAMPLES	Howard Salis; Alexander Reis; Ayaan Hossain;	
325	20220308047	2022-03-17	PROBES COMPRISING METAL NANOPARTICLES, MAGNETIC NANOPARTICLES AND TARGET-SPECIFIC FLUOROPHORES OR BINDING SITES	Li-Jing Cheng; Ye Liu;	Oregon State University;
326	20240181041	2022-03-16	Adenovirus SARS-CoV-2 Vaccine	Hildegund C.J. Ertl;	
327	20220299506	2022-03-16	OPTICAL COVID-19 DETECTION SYSTEM	Vikas Berry; Lan Nguyen; Sungjoon Kim;	
328	20240158478	2022-03-15	SARS-CoV-2 Antibodies and Fragments, Therapeutic Uses, Diagnostic Uses, and Compositions Related Thereto	Jens Wrammert; Robert Kauffman; Carl Davis; Mehul Suthar;	
329	20240166587	2022-03-14	SARS-CoV-2 inhibitors - artificial compounds	Thomas Szekeres; Walter Jager;	
330	20220299508	2022-03-14	RAPID DIAGNOSTIC TEST COMPONENT	Jonathan Rothberg; Isaac Bean; Todd Roswech;	Detect, Inc.;
331	20220289827	2022-03-11	NEUTRALIZING ANTIBODIES TO SARS-COV-2 AND ITS VARIANTS	Ali Ellebedy;	
332	20220290221	2022-03-11	COMPOSITIONS AND METHODS FOR DETECTING SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2) VARIANTS HAVING SPIKE PROTEIN MUTATIONS	Chitra Manohar; Marcel Fontecha; Christopher Santini; Eugene Spier; Jingtao Sun; Michelle Yee; Kalyani Mangipudi;	
333	20220288193	2022-03-11	HYPERIMMUNIZED EGG PRODUCT FOR TREATMENT OR PREVENTION OF CORONAVIRUS INFECTION	Subramanian IYER; Satish CHANDRAN; Uday SAXENA; Gopi KADIYALA;	
334	20220288253	2022-03-11	VIRUCIDAL EFFECTS OF 405 NM VISIBLE LIGHT ON SARS-COV2 AND INFLUENZA A VIRUS	Clifford Yahnke;	
335	20240148864	2022-03-11	POLYSACCHARIDE ADJUVANTS FOR VIRUS VACCINES	Ivan Zanoni; Francesco Borriello; Ofer Levy; David Dowling;	Children's Medical Center Corporation;
336	20240173431	2022-03-10	NANOTHERAPEUTICS FOR TREATMENT OF SARS-COV-2	Jeonghwan KIM; Anindit MUKHERJEE; Gaurav SAHAY;	
337	20240150494	2022-03-10	GLYCOFORM SPECIFIC NANOBODIES AND METHODS OF USE	Stylianios Bournazos; Jeffrey Ravetch; Aaron Gupta; Kevin Kao;	
338	20220288080	2022-03-09	METHOD AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 INFECTION	Jinn-Moon YANG; Po-Shiuan HSIEH; Chih-Heng HUANG; Yu-Hsiu CHANG; Nikhil PATHAK; Yen-Chao HSU; Yun-Ti CHEN; Nung-Yu HSU;	
339	20240180994	2022-03-09	HERBAL EXTRACT FORMULA FOR TREATING CORONAVIRUS INFECTION	Michael HAKKY; Shahad AL-FARHOOD;	
340	20220280556	2022-03-08	METHOD AND USE OF COMPOSITIONS COMPRISING LIGNOSULFONATE FOR ATTENUATION OF SARS-CoV-2 VIRUS REPLICATION	Ralph Walker;	

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341	20240075017	2022-03-08	TREATMENT OF CORONAVIRUS INFECTIONS USING SAM CYCLE INHIBITORS	Andreas PICHLMAIR; Valter BERGANT; Vincent GRASS;	
342	20240168021	2022-03-08	LATERAL FLOW TEST METHODS	Aart VAN AMERONGEN; Jan WICHERS;	
343	20220280062	2022-03-04	Novel, Rapid Breathalyzer Diagnostic Device for the Presence of SARS-CoV-2	Edward DeMauro; German Drazer; Hao Lin; Mehdi Javanmard;	
344	20220280450	2022-03-04	PREVENTION AND TREATMENT OF CORONAVIRUS AND RELATED RESPIRATORY INFECTIONS	Joseph FORTUNAK; Garth COOPER; Margaret COOPER;	
345	20230038748	2022-03-03	ASSAY FOR PROGNOSIS OF COVID-19 DISEASE	Ernestas SIRKA; Adam CRYAR; Markus RALSER; Johannes HARTL; Ziyue WANG; Michael MÜLLEDER; Vadim DEMICHEV;	
346	20240139296	2022-03-03	FORMULATIONS OF ACE2 FC FUSION PROTEINS	Alwin REITER; Rainer SIGL;	Formycon AG;
347	20220387419	2022-03-01	METHODS FOR THE TREATMENT AND PREVENTION OF LUNG INFECTIONS CAUSED BY SARS-COV-2 VIRUS BY ADMINISTRATION OF TAFENOQUINE	Geoffrey Dow;	60 Degrees Pharmaceuticals LLC;
348	20230240989	2022-03-01	LIPOSOMAL OZONE NANOSOLUTIONS	Ahmet Ümit SABANCI;	
349	20220273594	2022-02-28	Compositions and Use of N-Chlorotaurine for Treatment and Prevention of Respiratory Infections	Markus Nagl;	
350	20240180834	2022-02-28	DEVELOPMENT OF COVID-19 VACCINE USING A DUAL TLR LIGAND LIPOSOME ADJUVANT	William Petri, Jr; Mayuresh Abhyankar; Barbara Mann; Peter Kasson; Anna Pomés; Christopher Fox;	
351	20240139311	2022-02-25	RECOMBINANT VSV-SARS-COV-2 VACCINE	Chil-Yong KANG; Gyoung KIM; Kunyu WU; Nasrin SAEEDIAN;	Sumagen Canada Inc.;
352	20240158799	2022-02-24	APTAMERS THAT SELECTIVELY BIND TO A SARS-COV-2 VIRUS NUCLEOCAPSID PROTEIN	Shalen Kumar; Angel Brito; Laura Trobiani; Saimon Silva;	
353	20240192211	2022-02-24	PEPTIDES AND THEIR USE IN DIAGNOSIS OF SARS-COV-2 INFECTION	Bror LUNDIN; Ali HARANDI; Alma FULURIJA;	Biotome Pty Ltd; Vivocens AB;
354	20240131149	2022-02-24	AN ISOLATED POLYPEPTIDE	PRIYANK SHUKLA;	
355	20220267829	2022-02-22	Combinatorial Microarray Assay for Detecting and Genotyping SARS-CoV-2	Frederick Eggers; Benjamin Katchman; Fushi Wen; Candy Rivas; Cory Newland; Michael Hogan;	PathogenDx, Inc.;
356	20240165116	2022-02-22	ROCK2 INHIBITOR FOR THE TREATMENT OF VIRAL INFECTION	Samuel Waksal; Rui Wu;	
357	20240117012	2022-02-21	ANTI-SARS-COV-2 ANTIBODY	Shunsuke INAURA; Yuta MATSUMURA; Takuto TOJO; Atsushi NAGAMI;	Kao Corporation; Epsilon Molecular Engineering, Inc.;
358	20240132577	2022-02-18	SINGLE DOMAIN ANTIBODIES THAT NEUTRALIZE SARS-CoV-2	Rafael CASELLAS; Jianliang XU;	
359	20220268786	2022-02-18	METHOD FOR ASSISTING DETERMINATION OF EXACERBATION RISK OF COVID-19	Hiroaki MITSUYA; Kenji MAEDA; Akinobu HAMADA; Kenta NODA; Kazuto YAMASHITA; Yusuke ATARASHI; Nobuyuki IDE;	NATIONAL CENTER FOR GLOBAL HEALTH AND MEDICINE; NATIONAL CANCER CENTER; SYSMEX CORPORATION;
360	20240123054	2022-02-18	CORONAVIRUS ANTIGENS AND EPITOPES AND PROTEINS THAT BIND THERETO	Joseph COTROPIA; Gaurav Chandra;	

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361	20240131094	2022-02-18	INFLUENZA VIRUS DEFECTIVE INTERFERING PARTICLES FOR USE IN THE PROPHYLACTIC OR THERAPEUTIC TREATMENT OF CORONAVIRIDAE INFECTION	Sascha KUPKE; Udo REICHL; Marc HEIN; Dunja BRUDER; ulfert RAND;	
362	20240165069	2022-02-18	METHODS FOR TREATING DYSGEUSIA AND OTHER LINGERING SYMPTOMS ASSOCIATED WITH SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 INFECTIONADN CORONAVIRUS DISEASE 2019	Christopher Schuster; Wesley Blakeslee;	
363	20240132964	2022-02-16	METHODS OF PREDICTING MULTISYSTEM INFLAMMATORY SYNDROME (MIS-C) WITH SEVERE MYOCARDITIS IN SUBJECTS SUFFERING FROM A SARS-COV2 INFECTION OR DISEASE SEVERITY FOLLOWING SARS-COV-2 INFECTION OR MYOCARDITIS POST-VACCINATION AGAINST SARS-COV-2	Mickaël MENAGER; Julie TOUBIANA; Darragh DUFFY; Frédéric LAUCAT;	
364	20240148820	2022-02-16	ANTI-VIRAL PEPTIDES AND COMPOSITIONS AND METHODS OF USE THEREOF	Hanjun Zhao; Kwok-Yung Yuen;	
365	20220296701	2022-02-15	SYNTHETIC PLASMID DNA VACCINE EXPRESSING A CODON-OPTIMIZED SARS-COV-2 SPIKE PROTEIN AND METHODS FOR ITS USE	Anwar Hashem; Mohamed Alfaleh; Turki Abujamel; Sawzan Alamri; Abdullah Algaissi; Khalid Alluhaybi;	
366	20220267415	2022-02-15	MULTIMERIC SARS-COV-2 BINDING MOLECULES AND USES THEREOF	Zhiqiang KU; Xuping XIE; Paul HINTON; Ningyan ZHANG; Bruce KEYT; Dean NG; Stephen CARROLL; Pei-Yong SHI; Zhiqiang AN;	The Board of Regents of The University of Texas System; IGM Biosciences, Inc.;
367	20220265738	2022-02-14	SALUTARY EFFECTS OF INDIGENOUS PROBIOTICS AND NANOAEOSOL METHODS TO MITIGATE MICROBIAL INFECTIONS INCLUDING COVID 19	Alya Limayem;	
368	20220257219	2022-02-14	METHOD OF COLLECTING OROPHARYNGEAL LAVAGE, IN VITRO IMMUNOCHROMATOGRAPHIC ASSAY, AND COMPOSITION AND KIT THEREFOR	Raouf Guirguis;	
369	20240115589	2022-02-14	PHARMACEUTICAL COMPOSITION FOR PREVENTING CYTOKINE STORM	Shozo NISHIDA; Masanobu TSUBAKI; Tomoya TAKEDA; Genzoh TANABE; Katsuki TAKASHIMA; Toshio MORIKAWA;	KINKI UNIVERSITY;
370	20220262456	2022-02-11	HLA CLUSTERS, GLOBAL FREQUENCIES, AND BINDING ACROSS SARS-CoV-2 VARIATION	Kamil Wnuk;	NantCell, Inc.;
371	20240110252	2022-02-11	Compositions and Kits for Rapid Detection of SARS-CoV-2 and Methods of Production and Use Thereof	Francisco Ochoa Corona; Andrea SALAZAR AGUIRRE;	
372	20220235103	2022-02-11	NOVEL ANKYRIN REPEAT BINDING PROTEINS AND THEIR USES	Patrick AMSTUTZ; Valerie CALABRO; Marcel WALSER;	
373	20240108871	2022-02-09	SYSTEMS AND METHODS FOR ADMINISTERING VACCINE COMPOSITION USING MODULAR MULTI-VIAL MICROCHANNEL DELIVERY ADAPTER DEVICES	Sobin Chang; Daniel Nevriy; Saiprasad Sankaranarayan;	
374	20240122931	2022-02-09	METHODS FOR TREATING COVID-19 WITH SEPIAPTERIN	Gene CLARK; Eleonora MEZZAROMA; Christopher RABENDER; Ross MIKKELSEN; Vasily YAKOVLEV; Neil SMITH;	
375	20220246242	2022-02-08	METHODS OF ASSESSING RISK OF DEVELOPING A SEVERE RESPONSE TO CORONAVIRUS INFECTION	Gillian Dite; Nicholas Murphy; Richard Allman;	GENETIC TECHNOLOGIES LIMITED;
376	20240123029	2022-02-08	COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING CORONAVIRUS INFECTIONS	Alberto MANTOVANI; Cecilia GARLANDA; Barbara BOTTAZZI; Elisa VICENZI;	
377	20220251671	2022-02-07	SYSTEMS AND METHODS FOR DETECTING THE PRESENCE OF AN ANALYTE, SUCH AS SARS-COV-2, IN A SAMPLE	Robert ATKINSON;	ADL Diagnostics;
378	20240101647	2022-02-07	SARBECOVIRUS BINDERS	Xavier SAELENS; Dorien DE VLIEGER; Iebe ROSSEY; Sieglinde DE CAE; Koen SEDEYN; Loes VAN SCHIE; Hannah EECKHAUT; Daria FIJALKOWSKA; Catelijne STORTELEERS; Bert SCHEPENS; Nico CALLEWAERT; Han REMAUT; Wim NERINCKX; Kenny ROOSE; Dirk REITER;	
379	20240084408	2022-02-04	Multiplexed, CRISPR-based Diagnostics of SARS-CoV-2 in Autonomous Microfluidic Device	Changchun Liu; Kun Yin;	
380	20240173399	2022-02-04	ADJUVANTED MUCOSAL SUBUNIT VACCINES FOR PREVENTING SARS-COV-2 TRANSMISSION AND INFECTION	Jay Berzofsky; Yongjun Sui;	The United States of America, as represented by the Secretary, Depart. of Health and Human Services;

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#	Pub. No	Filed	Title	Inventors	Assignees
381	20220308056	2022-02-04	BIOMARKER FOR ASSESSING THE RISK OF DEVELOPING ACUTE COVID-19 AND POST-ACUTE COVID-19	Gregory Demopoulos; Thomas Dudler; Nicholas Lynch; Hans-Wilhelm Schwaeble; Kathleen Shaffer; Munehisa Yabuki;	
382	20220261990	2022-02-04	MACHINE LEARNING FOR EARLY DETECTION OF CELLULAR MORPHOLOGICAL CHANGES	Ilya Goldberg; Dmitry Fedorov; Christian Lang; Kristian Kvilekval; Katherine Yeung; Henry Dodkins;	
383	20240043507	2022-02-04	ANTIBODIES	Gavin SCREATON; Juthathip MONGKOLSAPAYA;	
384	20240117011	2022-02-04	ANTIBODIES TARGETING THE SPIKE PROTEIN OF CORONAVIRUSES	John Misasi; Lingshu Wang; Chaim Schramm; John Mascola; Daniel Douek; Nancy Sullivan; Amy Henry; Tongqing Zhou; Peter Kwong; Wei Shi; Yi Zhang; Eun Yang; Mario Roederer; Rosemarie Mason; Amarendra Pegu; Julie Ledgerwood;	The U.S.A., as Represented by the Secretary, Department of Health and Human Services;
385	20220157103	2022-02-02	SUPERVISED IN HOME TESTING METHOD AND APPARATUS FOR PERSONAL PATHOGEN STATUS VERIFICATION AT POINT OF ENTRY INTO AN AREA OF CONGREGATION	Mark Klein; Wendell Brown;	OpenClear, Inc.;
386	20240124419	2022-02-02	SMALL MOLECULE INHIBITORS OF GRP78 AND USES THEREOF	Nouri Neamati; Joyeeta Roy; Soma Samanta; Suhui Yang; Ding Xue;	
387	20220205998	2022-02-01	ASSAY FOR NEUTRALIZING ANTIBODY TESTING AND TREATMENT	Sergei SVAROVSKY;	
388	20240109859	2022-02-01	ENZYME INHIBITORS AND VIRAL INFECTION THERAPY	Pinghui FENG; Chao ZHANG; Jun ZHAO; Biancha ESPINOSA; Chao QIN; Ali SAVAS; Youliang RAO; Ting-Yu WANG;	UNIVERSITY OF SOUTHERN CALIFORNIA;
389	20240115588	2022-02-01	USE OF PROTEASOME INHIBITORS IN THE TREATMENT OF CORONAVIRUS INFECTIONS	Adam Bess; Frej Knut Gosta BERGLIND; Supratik MUKHOPADHYAY; Kishor WASAN; Chris GALLIANO; Michal BRYLINSKI; Stephania CORMIER; Allan ADER; Nicholas GRIGGS; Janet GOULD; Tiffany CHO; Julia ABRAMOV; Peter HNIK;	Board of Supervisors of Louisiana state University and Agricultural and Mechanical College; Skymount Medical US Inc.;
390	20240174629	2022-02-01	2-ACETAMIDO-6-HYDROXY-BENZOTHIOPHENE DERIVATIVES WITH ANTIVIRAL ACTIVITY	Vadim MAKAROV; Vladimir ZARUBAEV;	
391	20220249651	2022-01-31	UNIVERSAL VACCINES AGAINST IMMUNOGENS OF PATHOGENIC ORGANISMS THAT PROVIDE ORGANISM-SPECIFIC AND CROSS-GROUP PROTECTION	Beverly Lubit; Lilit Garibyan; Helen Hao; Sean O'Connell;	AEGLE BIOTECH;
392	20240093234	2022-01-31	CHIMERIC ADENOVIRAL VECTORS	Sean Tucker; Emery Dora;	
393	20240158477	2022-01-25	ANTIBODY AGAINST SARS-COV-2	Xiang Li; Yi Xiong; Shin-Chen Hou; Chenguang Cai; Yanbin Guan;	Bioduro (Jiangsu) Co., Ltd.;
394	20240092834	2022-01-25	INHIBITION OF DEGRANULATION OF NEUTROPHIL CELLS IN COVID-19 PATIENTS	Kenneth MCLEISH; Jiapeng HUANG; Madhavi RANE; Silvia URIARTE; Jun YAN;	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.;
395	20240043945	2022-01-24	CATALYTIC AMPLIFICATION BY TRANSITION-STATE MOLECULAR SWITCHES FOR DIRECT AND SENSITIVE DETECTION OF SARS-COV-2	Huilin Shao; Noah Sundah; Auginia Natalia; Yu Liu;	National University of Singapore;
396	20240101645	2022-01-24	MONOCLONAL ANTIBODIES AGAINST CORONAVIRUSES AND USES THEREOF	Shelly KREBS; Kayvon MODJARRAD; Nelson MICHAEL; Vincent DUSSUPT; Gina DONOFRIO; Samantha TOWNSLEY;	
397	20240082228	2022-01-21	SARS-COV-2 THERAPEUTICS	George NICOLA; Sumit CHANDA; Daniel HADERS; Monika RAMOS;	
398	20240101646	2022-01-21	SARS-COV-2 CORONAVIRUS ANTIBODIES AND USES THEREOF	Ivelin GEORGIEV; Andrea SHIAKOLAS; Kevin KRAMER;	
399	20230226543	2022-01-20	MICROFLUIDIC DEVICE FOR SARS-COV-2 DETECTION AND METHOD USING THE SAME	Gwo-Bin Lee; Chih-Hung Wang; You-Ru Jhou; Yu-Shiuan Tsai;	
400	20220241300	2022-01-19	NEXT GENERATION REMDESIVIR ANTIVIRALS	Courtney Aldrich; Subhankar Panda; Tej Poudel;	

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401	20220226489	2022-01-19	THERAPEUTICS DIRECTED AGAINST CORONAVIRUS	Sunanda Singh;	Singh Biotechnology, LLC;
402	20220242916	2022-01-18	Amino Acid Sequence Derived from Sars-Cov-2 and Use Thereof	Nahoko Baileykobayashi; Tetsuhiko Yoshida;	
403	20220233683	2022-01-18	METHODS AND COMPOSITIONS FOR TREATING INFECTIONS	Barbara Hibner;	
404	20240110160	2022-01-14	A TRANS-COMPLEMENTATION SYSTEM FOR SARS-COV-2	PEI-YONG SHI; XUPING XIE; XIANWEN ZHANG;	
405	20240100151	2022-01-14	VARIANT STRAIN-BASED CORONAVIRUS VACCINES	Andrea Carfi; Guillaume Stewart-Jones; Hamilton Bennett; Kai Wu; Darin Edwards; Gwo-Yu Chuang; David Reid;	Moderna TX, Inc.;
406	20240139309	2022-01-14	VARIANT STRAIN-BASED CORONAVIRUS VACCINES	Andrea Carfi; Guillaume Stewart-Jones; Hamilton Bennett; Kai Wu; Darin Edwards; Gwo-Yu Chuang; David Reid;	ModernaTX, Inc.;
407	20220227844	2022-01-13	NEUTRALIZING ANTI-SARS-COV-2 ANTIBODIES	Michel Nussenzweig; Zijun Wang;	The Rockefeller University;
408	20240108702	2022-01-12	Use Of Naturally Occurring Cyclic Peptides For Treatment Of SARS-COV-2 Infection	Michael Selsted; Dat Tran; Patti Tran; Justin Schaal; Virginia Basso; Prasad Tongaonkar;	
409	20220233682	2022-01-12	VACCINE COMPOSITIONS FOR THE TREATMENT OF CORONAVIRUS	David Anderson; Anne-Catherine Fluckiger;	
410	20220227843	2022-01-12	CORONAVIRUS-BINDING MOLECULES AND METHODS OF USE THEREOF	San-Tai Shen; Ing-Chien Chen; Kuang-Kai Liu; Frederick Luh;	Antaimmu BioMed Co., Ltd.;
411	20230212229	2022-01-11	PREPARATION METHOD AND APPLICATION OF INTERFERING PEPTIDE TARGETING SARS-CoV-2 N PROTEIN	Fangfang ZHOU; Tong DAI; Shuai WANG; Long ZHANG;	SOOCHOW UNIVERSITY;
412	20220218755	2022-01-10	EXTRACELLULAR VESICLES AND THEIR USES	Roger ILAGAN; Jordan SHIN; Donald BRYANT; Elizabeth EADES;	United Therapeutics Corporation;
413	20240083944	2022-01-10	ANTI-INFECTIVE BICYCLIC PEPTIDE LIGANDS	Nicholas KEEN; Gemma MUDD; Katerine VAN RIETSCHOTEN; Katie GAYNOR; Lihong CHEN; Maximilian HARMAN; Michael SKYNNER; Paul BESWICK; Mehdi AMOURA; Simone GIORGI; Giulia LATTANZI; Iain LINGARD;	
414	20240108737	2022-01-10	ANTI-INFECTIVE BICYCLIC PEPTIDE LIGANDS	Nicholas KEEN; Gemma MUDD; Katerine VAN RIETSCHOTEN; Katie GAYNOR; Lihong CHEN; Maximilian HARMAN; Michael SKYNNER; Paul BESWICK; Mehdi AMOURA; Simone GIORGI; Giulia LATTANZI; Iain LINGARD;	
415	20240092759	2022-01-07	Non-Covalent Inhibitors of the Main Protease of SARS-CoV-2 and Methods of Use	William Jorgensen;	
416	20220273678	2022-01-07	Compositions and Methods for Inhibiting and Treating Coronavirus Infections	Theodoros Kelesidis; Vaithilingaraja Arumugaswami; Gustavo Garcia, JR;	
417	20240050514	2022-01-07	USE OF COMPOUND, PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF IMMUNE OR METABOLIC DISORDERS, PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF ILLNESSES CAUSED BY OR ASSOCIATED WITH VIRUSES	Ricardo Remer; Andrea Heimann;	PROTEIMAX BIOTECNOLOGIA LTDA.; REMER CONSULTORES ASSESSORIA EMPRESARIAL LTDA;
418	20220204591	2022-01-05	ANTI-SARS-COV-2 ANTIBODIES AND USES THEREOF	Zheng ZHANG; Linqi ZHANG; Lei LIU; Qi ZHANG; Bin JU; Xuanling SHI; Qing ZHU;	
419	20240067706	2022-01-05	FULLY HUMAN BROAD-SPECTRUM NEUTRALIZING ANTIBODY 76E1 AGAINST CORONAVIRUS, AND USE THEREOF	Bing Sun; Xiaoyu Sun; Chunyan Yi; Zhiyang Ling; Yaguang Zhang;	CENTER FOR EXCELLENCE IN MOLECULAR CELL SCIENCE, CHINESE ACADEMY OF SCIENCES;
420	20220214342	2022-01-04	Protein-based multifunctional molecular switch for antibody detection	Jieli HU; Ailong HUANG; Jie LI;	

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421	20220125827	2022-01-04	Application of Sulfated Polysaccharides in Resisting novel Coronavirus	Beiwei ZHU; Shuang SONG; Xiuping DONG; Chengrong WEN; Chunqing AI; Dayong ZHOU; Hang QI; Libo QI; Dongmei LI; Jingfeng YANG;	
422	20220186328	2022-01-03	COMPOSITIONS, KITS AND METHODS FOR DETECTION OF VIRAL SEQUENCES	Kelly LI; Ioanna PAGANI; Pius BRZOSKA; Jisheng LI; Chunling WANG; Kathleen HAYASHIBARA; Michael TANNER; Hong JI; Kamini VARMA; Fangqi HU; Robert TEBBS;	
423	20220233681	2021-12-31	LIVE ATTENUATED ORAL VACCINE AGAINST COVID-19 AND TYPHOID FEVER	Betty Kim Lee SIM; Tint WAI; Ehud INBAR; Stephen HOFFMAN;	
424	20240060147	2021-12-30	PATHOGEN DETECTION IN LIQUID MATRIX	Franz DURANDET; Élodie PICHON; Jawhar SAKSAKA; Olivier COUILLEROT;	INGÉNIERIE ET ANALYSE EN GÉNÉTIQUE ENVIRONNEMENTALE;
425	20240067679	2021-12-28	SARS-COV-2 PROTEIN-DERIVED PEPTIDE AND VACCINE CONTAINING SAME	KAZUMA KIYOTANI; YUSUKE NAKAMURA; TETSURO HIKICHI;	Onco Therapy Science, Inc.; Cancer Precision Medicine, Inc.;
426	20220175810	2021-12-28	COMPOSITIONS AND METHODS FOR TREATING, AMELIORATING, AND/OR PREVENTING VIRAL INFECTIONS	Anna Pyle; Akiko Iwasaki; Tianyang Mao;	
427	20240082341	2021-12-28	PEPTIDE FOR USE IN THE TREATMENT OR PREVENTION OF COVID-19	Norbert ODOLCZYK; Piotr ZIELENKIEWICZ; Maria WINIEWSKA-SZAJEWSKA; Jaroslaw POZNANSKI; Urszula ZIELENKIEWICZ; Joanna KLIM;	Instytut Biochemii i Biofizyki Polskiej Akademii Nauk;
428	20240100031	2021-12-27	PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING VIRAL INFECTIONS CONTAINING PIPERLONGUMINE-BASED COMPOUND AS ACTIVE INGREDIENT	Seong JOO; Nareum HA; Jungmin YU; Youngsoo GYOUNG; Jonggab JUN; Heonse JEONG; Sukil JANG;	HUSCION CO., LTD.;
429	20240059741	2021-12-24	COMPOSITION FOR PREVENTION OR TREATMENT OF SARS-COV-2 INFECTION	Hyun WOO; Masaud SHAH; Sung MOON;	AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION;
430	20240042012	2021-12-23	IMMUNOGENIC FORMULATION CONTAINING ONE OR MORE MODIFIED BCG STRAINS EXPRESSING A SARS-CoV-2 PROTEIN, USEFUL FOR PREVENTING, TREATING, OR ATTENUATING THE DEVELOPMENT OF COVID-19	Alexis KALERGIS PARRA; Susan BUENO RAMÍREZ; Pablo GONZALEZ MUÑOZ; Angello RETAMAL DIAZ; Jorge SOTO RAMIREZ;	
431	20240043506	2021-12-23	SARS-COV-2 ANTIBODIES	Ohan MAZIGI; David LANGLEY; Peter SCHOFIELD; Daniel CHRIST;	
432	20240139483	2021-12-23	SYSTEMS AND METHODS FOR ADMINISTERING VACCINE COMPOSITION USING MICROCHANNEL DELIVERY ADAPTER DEVICES	Sobin Chang; Daniel Nevriy; Saiprasad Sankaranarayan;	
433	20240150440	2021-12-23	CONSTRUCTS COMPRISING SINGLE DOMAIN VHH ANTIBODIES AGAINST SARS COV-2	James ROBERTS; Benjamin JESTER; Mesfin GEWE; Nhi KHUONG;	
434	20240052330	2021-12-22	BLOCKADE OF SARS-COV-2 INFECTION USING HYDROCARBON STAPLED PEPTIDES	Yu TIAN; Sicheng JIANG; Jeffrey HUBBELL; Matthew TIRRELL; James LABELLE;	
435	20230390333	2021-12-22	METHOD FOR MAXIMIZING CORONAVIRUS KILLING ACTIVITY OF HIGH-DENSITY LIPOPROTEINS, AND PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING COVID-19	Kyung-Hyun CHO;	
436	20220193007	2021-12-22	INHIBITION OF COVID-19 VIRUS BY MULTIPLE-COMPONENT FORMULATIONS	Gene Zaid; Cameron West; Robert Moore; Jason West;	Ankh Life Sciences Limited;
437	20240075055	2021-12-22	HYALURONAN IS A DRIVER OF COVID-19 SEVERITY	William Petri, JR; Alexandra Donlan; Judith Allen; Tara Sutherland; Anthony Day;	University of Virginia Patent Foundation; The University of Manchester;
438	20240180162	2021-12-22	COATING AGENT BASED ON A COPPER-NANOPARTICLE BIOHYBRID AND USE THEREOF AS A BIOCIDAL AGENT	Jose PALOMO CARMONA; Noelia LOSADA GARCÍA; Olga ABIAN FRANCO; Adrián VELÁZQUEZ CAMPOY; David ORTEGA ALARCÓN; Ana JIMÉNEZ ALESANCO; Laura CEBALLOS LAITA;	
439	20240156946	2021-12-21	RNA VACCINE AGAINST SARS-COV-2 VARIANTS	Nicole ROTH; Diego MORENO; Hans GROßE; Dominik VAHRENHORST; Susanne RAUCH;	CUREVAC SE; GLAXOSMITHKLINE BIOLOGICALS SA;
440	20220193181	2021-12-21	S-NITROSOGLUTATHIONE (GSNO) AND GSNO REDUCATASE INHIBITORS FOR USE IN THERAPY	Inderjit Singh; Avtar Singh;	MUSC FOUNDATION FOR RESEARCH DEVELOPMENT;

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441	20220193235	2021-12-21	METHODS, SYSTEMS, AND APPARATUS FOR ADMINISTERING A MONOCLONAL AND/OR POLYCLONAL ANTIBODY TREATMENT VIA RAPID INFUSION	Regina Herzlinger;	
442	20220196658	2021-12-21	ANTI-VIRUS IgG3 BINDING ASSAY TO ASSESS VIRUS NEUTRALIZATION AND RELATED METHODS	Jennifer Rathe; Michael Gale, JR;	
443	20240083845	2021-12-20	SARS-COV-2 MPRO INHIBITOR COMPOUNDS	Miles CONGREVE; John CHRISTOPHER; Mark PICKWORTH; Chris DE GRAAF; Alicia HIGUERUELO; Jonathan MASON; Santosh KULKARNI;	HEPTARES THERAPEUTICS LIMITED;
444	20220192537	2021-12-17	CAPTURE AND DETECTION SYSTEM FOR SARS-COV-2 AND OTHER RESPIRATORY PATHOGENS	Thomas Milner; Robert G W. Brown; Nitesh Katta; Matthew Brenner; James Tunnell; Mohadeseh Hashemidehagi; Raj Nihalani; Wangcun Jia;	
445	20240059762	2021-12-17	ANTI-SARS CORONAVIRUS-2 NUCLEOCAPSID PROTEIN ANTIBODIES	Leyan Tang; Allison Schulkins; Kimberly Than; Chun-Nan Chen;	
446	20240131148	2021-12-17	IMMUNOGENIC COMPOSITIONS	William SCHIEF; Torben SCHIFFNER; Jon STEICHEN; Xiaozhen HU;	
447	20240099964	2021-12-16	Methods and Compositions for the Prophylactic Treatment of SARS-CoV-2 virus (COVID-19)	Anthony Rech; Chloé Soudant; Laura Champion; Erdem Kanber; Lea Pebrel; Simon Frydrych;	
448	20220244258	2021-12-16	Assay For Neutralizing Antibody Testing And Treatment	Sergei Svarovsky; Douglas Lake; Alim Seit-Nebi; Maria González-Moa;	
449	20220184607	2021-12-16	Method and Apparatus for Rapid Virus Screening and Detection using a Canine	Stanley Van Meter, II;	
450	20240059761	2021-12-16	Use of fibrin-targeting immunotherapy to reduce Coronavirus pathogenesis	Katerina Akassoglou; Jae Ryu; Warner Greene; Mauricio Montano;	
451	20240042013	2021-12-14	USE OF VACCINE COMPOSITIONS BASED ON SARS-COV-2 RECEPTOR BINDING DOMAIN IN DELIVERING PROTECTIVE IMMUNITY	Vicente Verez Bencomo; Yury Valdés Balbín; Dagmar García Rivera; Rolando Ochoa Azze; Yanet Climent Ruiz; Humberto González Rodríguez; Ivette Orasa Vázquez; Mariannia Díaz Hernández; Belinda Sánchez Ramírez; Eduardo Ojito Magaz; Kalet León Monzón; Consuelo Milagro; Arturo Chang Monteagudo; Delia Porto González; Marta Dubed Echeverría; Mireida Rodríguez Acosta;	
452	20220184205	2021-12-13	UNIVERSAL BACTERIOPHAGE T4 NANOPARTICLE PLATFORM TO DESIGN MULTIPLEX SARS-COV-2 VACCINE CANDIDATES BY CRISPR ENGINEERING	Venigalla RAO; Jingen ZHU;	
453	20240076680	2021-12-12	APTAMERS AND USE OF THE APTAMERS IN THE DIAGNOSIS AND TREATMENT OF A SARS-COV-2 INFECTION	Günter MAYER; Michael FAMULOK; Anton SCHMITZ; Anna WEBER; Stefan BREUERS; Volkmar FIEBERG;	RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN;
454	20240043821	2021-12-10	Superior Neutralization of SARS-CoV-2 by Deglycosylated Human Angiotensin Converting Enzyme 2 (ACE2)	Josef PENNINGER; Johannes STADLMANN;	
455	20240050558	2021-12-10	COMPOSITIONS IMMUNOGENIC AGAINST INFLUENZA AND SARS CORONAVIRUS 2, METHODS OF MAKING AND USING THEREOF	Honglin Chen; Pui Wang; Zhiwei Chen; Kwok-Yung Yuen;	
456	20220184113	2021-12-09	RATIONALLY DESIGNED ANTIVIRAL COMPOUNDS THAT INHIBIT SARS-CoV-2 AND THEIR METHODS OF USE THEREOF	Anushree Chatterjee; Thomas Aunins; Prashant Nagpal;	
457	20240044896	2021-12-09	METHODS AND SYSTEMS FOR DETECTION AND ANALYSIS OF ANGIOTENSIN BINDING ANTIBODIES	Melody SWARTZ; Priscilla BRIQUEZ; Jeffrey HUBBELL;	The University of Chicago;
458	20220187279	2021-12-07	RAPID T-CELL ASSAY FOR SARS-COV-2	Peter Sieling; Kayvan Niazi; Helty Adisetiyo; Philip Liu;	
459	20220273753	2021-12-07	PEPTIDOMIMETICS FOR THE TREATMENT OF CORONAVIRUS AND PICORNAVIRUS INFECTIONS	Raymond Schinazi; Keivan Zandi; Franck Amblard;	
460	20240115567	2021-12-05	SMALL THERAPEUTIC MOLECULES CAPABLE OF INHIBITING THE CATALYTIC ACTIVITY OF THE MAIN PROTEASE ENZYME OF SARS-COV-2	Özge SENSOY; Metehan ILTER; Hanife PEKEL;	

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461	20220175870	2021-12-03	Therapeutic Compositions Directed To Host Mirna For The Treatment Of Sars-Cov-2 (Covid-19) Infection	Anushree Chatterjee; Afshin Beheshti; Sylvain Costes; Thomas Aunins; Prashant Nagpal;	
462	20240027450	2021-12-03	COMPOSITIONS AND METHODS FOR DIAGNOSING SARS-COV-2 (COVID-19) AND FOR MONITORING SARS-COV-2-SPECIFIC IMMUNOLOGICAL MEMORY	Jeff BOYLE; Jenny HOWARD; Soumya JAGANATHAN; Dave LEWINSOHN; Deborah LEWINSOHN; Gwendolyn SWARBRICK;	
463	20240009301	2021-12-03	IMMUNOGENIC COMPOSITIONS FOR PRODUCING NEUTRALISING ANTIBODIES AGAINST SARS-COV	Andrey Kruglov;	Deutsches Rheuma-Forschungszentrum Berlin;
464	20240002477	2021-12-03	POLYPEPTIDES FOR DETECTION AND TREATMENT OF CORONAVIRUS INFECTION	Patrick WILSON; Haley DUGAN; Christopher STAMPER; Yoshihiro KAWAOKA; Peter HALFMANN;	The University of Chicago; Wisconsin Alumni Research Foundation;
465	20220175869	2021-12-02	FORMULATIONS INHIBITING SARS-CoV-2 VIRUS	Gene Zaid; Beth Wolf; Robert Moore; Larry Crow; Jason West;	Ankh Life Sciences Limited;
466	20220175868	2021-12-02	INHIBITION OF SARS-CoV-2 VIRUS BY ARUM PALAESTINUM	Gene Zaid; Beth Wolf; Robert Moore; Larry Crow; Jason West;	Ankh Life Sciences Limited;
467	20220168404	2021-12-02	METHODS AND COMPOSITIONS FOR THE TREATMENT OF CORONAVIRUS INFECTION, INCLUDING SARS-COV-2	Huiping Liu; Lamiaa Khamies Mohamed Ali El-Shennawy; Andrew Hoffmann; Deyu Fang; Emma Schuster; Nurmaa Dashzeveg;	
468	20240100150	2021-12-02	REVERSE GENETICS-BASED COMPOSITIONS OF RECOMBINANT SARS-COV-2	Luis Martinez-Sobrido; Chengjin Ye; Fernando Toral; Juan de La Torre;	
469	20240000658	2021-12-02	DEVICE FOR CONTROLLED ADMINISTRATION OF A LIQUID SOLUTION TO NASAL CAVITIES AND PARANASAL SINUSES	George Naoum;	
470	20240024460	2021-12-02	SELF-REPLICATING RNA AND USES THEREOF	Pirada ALLEN; Ivna DE SOUZA; Yingxia WEN; Cheng CHANG; CHANGKEUN Lee;	
471	20240075029	2021-12-01	LUMINOL FOR THE PROPHYLAXIS AND THE TREATMENT OF SEQUELAE OF A SARS-COV-2 INFECTION	Wolfgang BRYSCH; Astrid KAISER; Petra SCHULZ; Sara SCHUMANN; Jörg WEGERER;	METRIOPHARM AG;
472	20220168411	2021-12-01	PSORALEN-INACTIVATED CORONAVIRUS VACCINE AND METHOD OF PREPARATION	Kevin Porter; Maya Willams; Raviprakash Kanakatte; Dawn Weir; Daniel Ewing; Appavu Sundaram;	The United States of American as Represented by the Secretary of the Navy;
473	20220113306	2021-12-01	SYSTEM, APPARATUS, AND METHOD FOR VIRAL MONITORING IN EFFLUENT	Morton MOWER;	
474	20220168728	2021-11-30	NANOSPLASH: A SALIVA-BASED DIAGNOSTIC FOR VIRAL INFECTION SUITABLE FOR HOME USE	Logan COLLINS; Ryan ROBINSON;	CONDUIT, INC.;
475	20240043417	2021-11-30	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Hiroaki Mitsuya; Andrew Mesecar;	Purdue Research Foundation;
476	20240101541	2021-11-30	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Andrew Mesecar; Hiroaki Mitsuya;	Purdue Research Foundation;
477	20240083885	2021-11-29	COMPOSITIONS AND METHODS FOR INHIBITING M PRO PROTEASE ACTIVITY AND FOR PREVENTING AND TREATING SARS-COV-2 INFECTION	Jun Wang; Naoya Kitamura; Chunlong Ma;	
478	20220168315	2021-11-29	COMPOUNDS AND THERAPEUTIC USES THEREOF	Ashok Bajji;	
479	20240018586	2021-11-26	HLA HAPLOTYPES AS BIOMARKERS FOR COVID-19 SYMPTOM SEVERITY	David Langton;	
480	20240094217	2021-11-25	METHODS OF TREATING SARS-COV-2 INFECTIONS	Fares AL-EJEH; Vidya MOHAMED-ALI; Maryam A Y. AL-NESF;	

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481	20240050512	2021-11-25	REDUCTION OF VIRAL INFECTIONS	Mohammed Masood; Rakesh Uppal; Angela Russell; Laurence Silpa;	
482	20240016920	2021-11-24	IMMUNITY AND PROTECTION OF SARS-COV-2 DNA AND PROTEIN VACCINE	Wei CUN; Shan LU; Qihan LI; Hongjian XIAO; Yanwei BI; Yuzhong LI; Xiaojuan LIU; Zhihua LI;	
483	20230408517	2021-11-24	ANTI-SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS ANTIBODIES	Christine Goetz; Jody Bonnevier; Christopher Hammerbeck; Ernesto Resnik; Cyrus Munshi; Enqing Tan;	
484	20220163530	2021-11-24	TEST KITS, DEVICES AND METHODS FOR DETECTING INFECTION	Mei-Jhy Su; Juehn-Shin Maa; Jonathan Maa; Jessica Maa; Julia Maa;	
485	20220160822	2021-11-23	NEUTRALIZING VACCINES AGAINST HUMAN CORONAVIRUS	Adel Talaat; Shaswath Chandrasekar;	
486	20220163522	2021-11-22	COMPOSITIONS AND METHODS FOR RAPID COVID-19 DETECTION	Chao WANG; MD IKBAL;	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY;
487	20220165433	2021-11-22	ASSESSMENT OF EXPOSURE TO AIRBORNE PATHOGENS	Brian Schimmoller; Molly Isbell;	
488	20240058435	2021-11-22	SUSTAINED RELEASE INACTIVATED VACCINES	Trevor Castor;	Aphios Corporation;
489	20220154268	2021-11-21	System and Methods for Detection of Low-Copy Number Nucleic Acids and Protein	Pero Dimsoski;	
490	20220283160	2021-11-19	METHODS AND SYSTEMS FOR RAPID DETECTION OF SARS-COV-2 USING A RADIOLABELED ANTIBODY	Giacomo Pirovano; Naga Vara Kishore Pillarsetty; Thomas Reiner;	
491	20240000794	2021-11-19	LACTAM AND LACTONE DERIVATIVES FOR USE IN THE TREATMENT OF A VIRAL INFECTION SUCH AS COVID-19	Patrice SOUMILLION; Pierre GALKA;	UNIVERSITÉ CATHOLIQUE DE LOUVAIN;
492	20230374592	2021-11-19	MASSIVELY PARALLELED MULTI-PATIENT ASSAY FOR PATHOGENIC INFECTION DIAGNOSIS AND HOST PHYSIOLOGY SURVEILLANCE USING NUCLEIC ACID SEQUENCING	Oswaldo Lozoya; Brian Papas;	
493	20220154270	2021-11-19	SYSTEMS AND PROCESSES FOR DISTINGUISHING PATHOGENIC AND NON-PATHOGENIC SEQUENCES FROM SPECIMENS	Sasan Amini; Ramin Khaksar; Michael Taylor; Prasanna Krishnan; David Tran; Shaokang Zhang; Shadi Shokralla; Kyle Rhoden; Susan Lee; Bryan Barney; Sima Mortazavi; Adam Allred; Henrik Gehrmann;	
494	20240002332	2021-11-18	Small Molecule Inhibitors of SARS-CoV-2 Infections	Wenwei Huang; Khalida Shamim; Hengli Tang;	
495	20240003882	2021-11-18	DEVELOPMENT OF A NOVEL ELISA-BASED POINT-OF-CARE ANTIGEN TEST FOR SARS-COV-2	Yusaku Shino; Airi Harui;	The Regents of the University of California;
496	20240002956	2021-11-17	SENSITIVE QUANTITATIVE DETECTION OF SARS-CoV-2 USING DIGITAL WARM-START CRISPR ASSAY	XIONG DING; CHANGCHUN LIU;	
497	20220163529	2021-11-17	MONOCLONAL ANTIBODY FOR SARS-CoV-2 SPIKE PROTEIN	Qiang Chen; Mitchell Felder;	
498	20240002361	2021-11-17	COMPOSITIONS AND METHODS FOR BLOCKING NEUROPILIN RECEPTOR 1 FOR THE TREATMENT OF PAIN AND PREVENTION OF VIRAL ENTRY	Rajesh Khanna; Aubin Moutal; Samantha Perez-Miller;	
499	20230414745	2021-11-17	INFLUENZA VIRUS ENCODING A TRUNCATED NS1 PROTEIN AND A SARS-COV RECEPTOR BINDING DOMAIN	Amy ASPELUND; Thomas MUSTER; Markus WOLSCHEK;	
500	20230414748	2021-11-16	SCAFFOLDED ANTIGENS AND ENGINEERED SARS-COV-2 RECEPTOR-BINDING DOMAIN (RBD) POLYPEPTIDES	Michael Farzan; Brian Quinlan; Yan Guo; Huihui Mu; Wenhui He; Hyeryun Choe; Lizhou Zhang; Charles Bailey; Michael Alpert;	

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501	20230408380	2021-11-16	AIR MONITORING SYSTEMS AND METHODS	Elisabetta MAGGIO;	U-EARTH BIOTECH LTD;
502	20230398205	2021-11-12	SARS-COV-2 IMMUNODOMINANT PEPTIDE CONSTRUCTS AND USES THEREOF	Tomasz KULA; Gavin MacBeath; Andrew Ferretti;	
503	20240011107	2021-11-12	LIVE CELL ASSAY FOR PROTEASE INHIBITION	Reuben Harris; Seyed Moghadasi; Jordan Becker;	
504	20220153826	2021-11-12	METHODS AND COMPOSITIONS FOR TREATING VIRUS-ASSOCIATED INFLAMMATION	Robert KEANE; W DIETRICH; Juan Pablo De Rivero VACCARI; Helen BRAMLETT;	
505	20240025868	2021-11-12	PHENOTHIAZINE COMPOUNDS FOR THE TREATMENT OF ALZHEIMER'S DISEASE AND OTHER AGE-RELATED AND NEUROLOGICAL DISEASES	Charles Mobbs; Jian Jin; Christopher Kellner; H Kaniskan; Tao Cao; Jianping Hu; James Vicari; Bik Huang; Yonejung Yoon; Rachel Litke;	
506	20230405109	2021-11-11	NUCLEIC ACIDS, PROTEINS, AND VACCINES OF SARS-COV-2	Larry Kwak; Soungchul Cha; Szymon Szymura;	
507	20240165222	2021-11-11	VACCINE COMPOSITION FOR PREVENTING SARS-COV-2	Yang CHO; Seok KIM; Kwangsung KIM;	
508	20230399641	2021-11-11	GENOMIC EDITING OF IMPROVED EFFICIENCY AND ACCURACY	Jia CHEN; Bei YANG; Li YANG; Xiaosa LI; Xiao WANG; Wenwen ZHAO; Lina ZHOU; Jifang LI;	
509	20240010739	2021-11-10	ANTIBODIES CONJUGATED OR FUSED TO THE RECEPTOR-BINDING DOMAIN OF THE SARS-COV-2 SPIKE PROTEIN AND USES THEREOF FOR VACCINE PURPOSES	Yves LEVY; Gérard ZURAWSKI; Mireille CENTLIVRE; Sandra ZURAWSKI; Véronique GODOT;	Institut National de la Santé et de la Recherche Médicale (INSERM); Assistance Publique - Hopitaux de Paris (APHP); Baylor Research Institute; Université Paris Est Creteil Val De Marne;
510	20230408516	2021-11-10	METHOD OF MAKING A PORTABLE MIP-BASED ELECTROCHEMICAL SENSOR FOR THE DETECTION OF THE SARS-COV-2 ANTIGEN	Vitali SÖRITSKI; Jekaterina REUT; Roman BOROZNJAK; Anna KIDAKOVA; Andres ÖPIK; Abdul RAZIQ; Kaspar RATNIK; Paul NAABER;	
511	20220146451	2021-11-09	TWO-DIMENSIONAL-MATERIAL-BASED FIELD-EFFECT TRANSISTOR FOR DETECTION OF PATHOGENS AND METHODS FOR MANUFACTURING	MASOUD MAHJOURI-SAMANI; MICHAEL HAMILTON; MARCELO KURODA; SAHAR HASIM; PARVIN FATHI-HAFSHEJANI;	
512	20220136074	2021-11-05	ISOTHERMAL AMPLIFICATION AND AMBIENT VISUALIZATION IN A SINGLE TUBE FOR THE DETECTION OF SARS-COV-2 USING LOOP-MEDIATED AMPLIFICATION AND CRISPR TECHNOLOGY	Bo PANG; Hongquan ZHANG; David TYRRELL; Xiaochun LE;	
513	20240100149	2021-11-05	SARS-COV-2 CONSTRUCTS, VACCINES, AND METHODS	Jean-Philippe JULIEN; Audrey KASSARDJIAN; Brian BARBER;	
514	20220146508	2021-11-04	RAPID DIAGNOSTIC TEST	Todd Roswech; Jonathan Rothberg; Isaac Bean; Monica Caravias; Matthew Dyer;	Detect, Inc.;
515	20240009300	2021-11-03	DNA ENCODED NANOPARTICLES AND METHOD OF USE THEREOF AS A CORONAVIRUS DISEASE 2019 (COVID-19) VACCINE	Daniel Kulp; Ziyang Xu; David Weiner;	
516	20240019426	2021-11-03	Lateral Flow Devices for High Sensitivity Detection of Coronavirus Infection, and Methods of Making and Using the Same	Henry Ji;	Sorrento Therapeutics, Inc.;
517	20230393135	2021-11-02	Cell-Free Method For The Quantitative Measurement Of Virus Neutralizing Antibodies	Didier TRONO; Priscilla TURELLI; Giuseppe PANTALEO; Craig FENWICK;	
518	20220107223	2021-11-02	MICROELECTRONIC SENSOR WITH BOLOMETRIC OR PYROELECTRIC DETECTOR FOR SENSING ELECTRICAL SIGNALS IN SUB-TERAHERTZ AND TERAHERTZ FREQUENCY RANGES	Ayal RAM; Walid-Madhat MUNIEF;	
519	20240059760	2021-11-01	POLYPEPTIDES FOR DETECTION AND TREATMENT OF SARS-COV-2	Anthony KOSSIAKOFF; Tomasz SLEZAK;	The University of Chicago;
520	20240081675	2021-11-01	BREATH BIOMARKERS OF SARS-COV-2 IN CHILDREN AND METHODS OF USE THEREOF FOR THE DIAGNOSIS AND TREATMENT OF COVID-19	Audrey ODOM JOHN; Amalia BERNA PEREZ; Elikplim AKAHO;	THE CHILDREN'S HOSPITAL OF PHILADELPHIA;

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521	20220189342	2021-11-01	ENHANCED TESTING AND CHARACTERIZATION TECHNIQUES FOR PHOTOTHERAPEUTIC LIGHT TREATMENTS	David Emerson; Nathan Stasko; Jacob Kocher; Adam Cockrell;	
522	20220054509	2021-11-01	METHODS OF TREATMENT FOR DISEASE FROM CORONAVIRUS EXPOSURE	Michael KUO; Clifford SCHLECHT;	
523	20230406909	2021-10-29	SARS-COV-2 NUCLEOCAPSID ANTIBODIES	Michael Gerg; Ute Jucknischke; Ulrike Kurtkaya; Thomas Mock; Michael Schraeml; Sandrine Stiegler;	
524	20230399708	2021-10-29	Compositions and Methods for Detecting Influenza A, Influenza B, and SARS-CoV-2	Craig CLARK; Jimmykim PHAM; Paul DARBY; Yi-Hsuan HO;	
525	20230390235	2021-10-29	THERAPEUTIC AGENT FOR COVID-19	Mitsuyoshi AZUMA; Chiho FUKIAGE; Takashi IMADA; Yayoi KISHIMOTO; Noriyasu HIRASAWA; Yoshiro SAITO; Takashi TOYAMA;	SENJU PHARMACEUTICAL CO., LTD.; TOHOKU UNIVERSITY;
526	20230382979	2021-10-29	ANTI-SARS-COV-2 ANTIGEN ANTIBODIES AND RELATED COMPOSITIONS AND METHODS	Erik Yusko; Peter J R. Ebert; Amy Gilbert; Gladys Keitany; Mark Klinger; Ben Rubin;	
527	20220135702	2021-10-29	NEUROPILIN ANTIBODY NASAL SPRAY TO REDUCE COVID-19 TRANSMISSION	Mitchell Felder;	
528	20240018499	2021-10-29	ACE2 Fusion Proteins and Uses Thereof	Alwin Reiter; Carsten Brockmeyer; Florian Wolschin;	
529	20220128560	2021-10-28	HIGH THROUGHOUT IMMUNOASSAYS AND METHODS FOR THE DETECTION OF SARS-COV-2 ANTIGENS	Philip Hosimer; Charles Noeson; Michael Colvin; Amelia Brunner; Sierra Clark; Paul Contestable;	
530	20230398206	2021-10-27	METHOD AND KIT FOR DETECTION OF CELL MEDIATED IMMUNE RESPONSE	David Berd; James Passin;	
531	20220127337	2021-10-27	Anti-Viroporin Antibodies and Methods of Treating COVID-19	Michael MCINTOSH; SUMITA BHADURI-MCINTOSH;	
532	20220125913	2021-10-26	SYNTHETIC PEPTIDES, AMINO-ACID SEQUENCES, AND COMPOSITIONS USEFUL FOR SARS-CoV-2 DETECTION AND COVID-19 PREVENTION	Jose Lozano Moreno; Luz Salazar Pulido;	
533	20230391852	2021-10-26	SINGLE DOMAIN ANTIBODIES TARGETING SARS CORONAVIRUS SPIKE PROTEIN AND USES THEREOF	Mitchell Ho; Jessica Hong;	The U.S.A., as Represented by the Secretary, Department of Health and Human Services;
534	20220040349	2021-10-26	ANTIVIRAL METHODS AND COMPOSITIONS	David Whitten; Kirk Schanze; Linnea Ista; Patrick Donabedian; Eva Yung Hua Chi; Florencia Monge; Alison Kell;	
535	20230391856	2021-10-22	SARS-COV-2 ANTIBODIES AND USES THEREOF	Thomas Moran; Thomas Kraus; Domenico Tortorella; J Duty;	Icahn School of Medicine at Mount Sinai;
536	20240025971	2021-10-22	ANTIBODIES TO CORONAVIRUS SARS-COV-2	Katherine WILLIAMS; Daniel EMERLING; Shaun LIPPOW; Ngan ATKINS;	
537	20230416309	2021-10-22	FUSION PROTEIN AND APPLICATION THEREOF	Fengcai ZHU; Jiaping YU; Wenrong YAO; Chuxiao YUAN; Shuang WU; Yanyan ZHANG; Yingsong HU; Xiling GUO; Ling ZHANG; Li XIA; Li ZHANG; Jingxin Li; Hongxing PAN; Jianping CHEN; Yong LIU;	JIANGSU PROVINCIAL CENTER FOR DISEASE CONTROL AND PREVENTION (PUBLIC HEALTH RESEARCH INSTITUTE OF JI; JIANGSU RECIBIO TECHNOLOGY CO., LTD.; BEIJING ABZYMIO BIOSCIENCES CO., LTD.;
538	20230398177	2021-10-22	COMPOSITIONS OF ANTI-VIRAL PEPTIDES AND/OR COMPOUNDS AND METHODS OF USE THEREOF	Hanjun Zhao; Kwok-Yung Yuen;	
539	20220162686	2021-10-22	MEMBRANE-BASED, IN-GEL LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) SYSTEM AND METHOD FOR DETECTING MICROBES	Michael Hoffmann; Jing Li; Yanzhe Zhu; Xunyi Wu; Alan Gu; Leopold Dobelle; Clement Cid;	
540	20220128559	2021-10-21	Surveillance of SARS-CoV-2 Through Mask Testing	Dennis Adams; Ethan Adams; Siddra Hines; Andrew Johnson; Donald Knowles, JR; Sampathkumar Srikanth; Joanna Rzepka;	VMRD, Inc.;

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541	20220125878	2021-10-20	Compositions and Methods for Preventing the Interaction Between SARS-COV-2 and L-Sign	Lijun Xia; Yuji Kondo;	
542	20220119812	2021-10-20	MICRO RNA INTERACTIONS AS THERAPEUTIC TARGETS FOR COVID-19 AND OTHER VIRAL INFECTIONS	Mihaela Mihailescu; Jeffrey Evanseck; Joshua Imperatore; Kendy Anne Marie Guarinoni; Caylee Cunningham; Caleb Frye; Adam Kensinger;	
543	20230391837	2021-10-19	METHODS OF TREATING, AMELIORATING, AND/OR PREVENTING COVID-19 INFECTION AND RELATED INFLAMMATION	Gary Goldberg; Paola Leone;	Rowan University;
544	20230406908	2021-10-18	Methods of using passive immunity to decrease transmission of infectious diseases	Bradley Mitteness; Scott Simplot; Michelle Hawkins; Brian Robley; Philip Larson; Jason Hull;	
545	20240091341	2021-10-18	FUSION PROTEIN AND VACCINE	Yasuo YOSHIOKA;	
546	20230414668	2021-10-15	CELL-BASED THERAPY FOR VIRAL DISEASES	Shirley HJ. MEI; Luciana DE SOUZA MOREIRA; Yuan TAN; Yan WANG;	
547	20230391834	2021-10-15	WW-DOMAIN-ACTIVATED EXTRACELLULAR VESICLES TARGETING CORONAVIRUSES	Quan Lu; Sengjin Choi;	President and Fellows of Harvard College;
548	20220135653	2021-10-15	Intranasal Antiviral Therapy for Mucosal Protection Against Virus Infections	Brian McMillan; Ted Koontz; Molly Berberich; Ashley Mandell; Garrett Kriston; Liznair Feliciano; Emma Price;	
549	20220031642	2021-10-15	Niclosamide Formulations and Methods of Use	Akash BAKSHI; Nadja MANNOWETZ; Andrew BARTYNSKI;	
550	20230330238	2021-10-14	CHIMERIC CONJUGATES FOR DEGRADATION OF VIRAL AND HOST PROTEINS AND METHODS OF USE	Henry Herce; Loren Walensky;	
551	20230381296	2021-10-13	TEMPERATURE-SENSITIVE BETACORONAVIRUS STRAIN AND VACCINE	Shinya OKAMURA; Akiho KASHIWABARA; Hirotaka EBINA;	
552	20230372469	2021-10-13	T-CELL VACCINE FOR SARS VIRUS	Maxim Rosario; Bette Tina Marie Korber;	
553	20230374469	2021-10-13	BETA CORONAVIRUS COLD ACCLIMATIZED STRAIN AND VACCINE	Shinya OKAMURA; Akiho KASHIWABARA; Hirotaka EBINA;	
554	20230364220	2021-10-13	SAR-COV-2 DNA Vaccine and Method of Administering Thereof	Jay Hooper;	The Government of the United States, as Respresented by the Secretary of the Army;
555	20220304947	2021-10-13	COMPOSITIONS AND METHODS FOR INHIBITING PROTEOLYTIC ACTIVATION OF VIRUSES	Muhammed Majeed; Kalyanam Nagabhushanam; Lakshmi Mundkur;	
556	20220098283	2021-10-12	ACE2- and TMPRSS2-Targeted Compositions and Methods for Treating COVID-19	Paul Maddon;	Maddon Advisors LLC;
557	20220056154	2021-10-12	Bispecific Antibody Compositions and Methods for Treating COVID-19	Paul Maddon;	Maddon Advisors LLC;
558	20220056153	2021-10-12	ACE2-Targeted Compositions and Methods for Treating COVID-19	Paul Maddon;	Maddon Advisors LLC;
559	20230382978	2021-10-08	ANTIBODY SPECIFIC FOR SARS-COV-2 RECEPTOR BINDING DOMAIN AND THERAPEUTIC METHODS	Kaitlyn SADTLER; Matthew MEMOLI;	
560	20220113307	2021-10-08	RAPID DIAGNOSTIC TESTS UTILIZING TRAP REGIONS	Amy Cornell; John Leamon; Jonathan Rothberg; Henry Kemble; James Ball;	Detect, Inc.;

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561	20220054543	2021-10-08	Enteric Use of Potassium Permanganate in Humans and Animals	Sidney Fierro; Frank Fierro;	
562	20220273641	2021-10-07	Method for treating coronavirus infections including SARS-CoV-2	Vera Mikhailov; Evgenii Ivanov; Dmitrii Spelnikov;	
563	20230358746	2021-10-06	METHODS AND KITS FOR DETERMINING SEROSTATUS OF SARS-CoV-2	Agustin FERNANDEZ; Edward GERSHBURG; Paul PREDKI;	Rational Vaccines, Inc.;
564	20230374452	2021-10-06	CORONAVIRUS-INFECTIVE CELLS AND METHOD OF PREPARING SAME	Jun Shimizu; Naomi Tanga; Misuzu Yamada; Kazuo Miyazaki; Tatsuo Shioda; Emi Nakayama; Tadahiro Sasaki; Ritsuko Koketsu;	
565	20230381295	2021-10-05	COVALENT CONJUGATES OF THE SARS-COV-2 RECEPTOR-BINDING DOMAIN AND A CARRIER PROTEIN AND VACCINE COMPOSITIONS THAT CONTAIN THEM	Yury Valdés Balbín; Darielys Santana Mederos; Sonsire Fernández Castillo; Dagmar García Rivera; Daniel García Rivera; Manuel García Ricardo; Laura Rodríguez Noda; Ubel Jesús Ramírez González; Belinda Sánchez Ramírez; Tammy Boggiano Ayo; Eduardo Ojito Magaz; Vicente Verez Bencomo; Reynaldo Oliva Hernández;	
566	20230372381	2021-10-05	COMPOSITIONS AND METHODS UTILIZING PROTEIN INHIBITORS FOR SYNERGISTIC INHIBITION AND TREATMENT OF SARS-CoV-2	Gaetano MONTELIONE; Khushboo BAFNA; Robert KRUG; Aldolfo GARCIA-SASTRE; Kris WHITE;	Rensselaer Polytechnic Institute;
567	20240009292	2021-10-01	BCG BASED VACCINE COMPOSITIONS AND METHODS OF USE THEREOF	Alok Singh; Peter Um; Keira Cohen; William Bishai; Rullin Wang; Srinivasan Yegnasubramanian; Trinity Bivalacqua;	
568	20230365659	2021-10-01	SARS-COV-2-BINDING PEPTIDE	Hidekazu Masaki; Shigefumi KUMACHI; Ryo YONEHARA; Yuta MATSUMURA; Hibiki KAWANO; Takuto TOJO; Takuya MORIMOTO; Kazunhiko KATAYAMA; Kei HAGA; Reiko TODAKA; Akihito SAWADA; Tomomi TAKANO;	EPSILON MOLECULAR ENGINEERING, INC.; THE KITASATO INSTITUTE; Kao Corporation;
569	20230365956	2021-10-01	RECOMBINANT ACE2-FC FUSION MOLECULES AND METHODS OF MAKING AND USING THEREOF	Tsung-I TSAI; Dennis GOULET; Nga Sze Amanda MAK; Andrew WRIGHT; Steven LUNDY; Mark Gilchrist; Jahan KHALILI; Sa XIAO; Muran DING; Yong ZHANG; Shi ZHUO; Hai ZHU; Yi ZHU;	
570	20220107317	2021-10-01	COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING CORONAVIRUS DISEASE 2019	Chia-Ching Chang; Chia-Yu Chang; Shin-Ru Shih; Sheng-Yu Huang;	
571	20230390414	2021-09-30	PARTICLE BASED FORMULATION OF SARS-COV-2 RECEPTOR BINDING DOMAIN	Jonathan Lovell; Wei-Chao Huang;	
572	20230330214	2021-09-30	IMPROVED DNA VACCINE FOR SARS-COV-2	Hironori NAKAGAMI; Ryuichi MORISHITA; Hiroki HAYASHI; Yasunori AMAISHI; Sachiko OKAMOTO; Junichi MINENO; Hisato IKAI; Junko MICHIBATA; Takao KOMATSUNO;	OSAKA UNIVERSITY; TAKARA BIO INC.; ANGES, INC.;
573	20230395197	2021-09-30	METHOD AND SYSTEM FOR EARLY EFFICIENT DETECTION OF CO-EVOLUTIONARY SITES IN EVOLVING BIO-NETWORKS	Christopher Barrett; Christian Reidys;	UNIVERSITY OF VIRGINIA PATENT FOUNDATION;
574	20220120741	2021-09-30	SARS-CoV2 Antigen Lateral Flow Assay Detection Device and Methods of Using the Same	Huimiao Ren; Ashley Orlowski; Richard Anderson;	
575	20230357328	2021-09-29	SARS-CoV-2 PROTEIN-DERIVED PEPTIDE AND VACCINE CONTAINING SAME	TETSURO HIKICHI; KAZUMA KIYOTANI; YUSUKE NAKAMURA;	ONCOTHERAPY SCIENCE, INC.; CANCER PRECISION MEDICINE, INC.;
576	20230365640	2021-09-29	CLEC2 FUSION PROTEIN AND USES THEREOF	Shie-Liang HSIEH; Pei-Shan SUNG;	Academia Sinica;
577	20230355708	2021-09-29	COMPOSITIONS FOR INHIBITING VIRAL ENTRY AND METHODS USING SAME	Irwin Chaiken; Aakansha Nangarlia; Gabriela Canziani; Cameron Abrams; Adel Ahmed Rashad Ahmed; Mark Contarino; Bibek Parajuli;	
578	20220008507	2021-09-28	METHODS AND COMPOSITIONS FOR TREATMENT OF CORONAVIRUS INFECTION AND ASSOCIATED COAGULOPATHY	Wolfram RUF; Karl LACKNER; Nadine MÜLLER-CALLEJA;	
579	20220106583	2021-09-27	VIRUS DETECTION IN WASTEWATER	Jordan SCHMIDT; Neil SHARMA; Wei HUANG;	
580	20220226414	2021-09-26	COVID-19 Treatment	Firman Amin; Mila Sari;	

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581	20230348573	2021-09-24	SARS-COV-2 NEUTRALIZING ANTIBODY OR FRAGMENT THEREOF	Masaru TAKESHITA; Tsutomu TAKEUCHI; Katsuya SUZUKI; Hideyuki SAYA; Yoshimasa TAKAHASHI; Saya MORIYAMA; Hidehiro FUKUYAMA; Chieko OKAMURA; Mikako SHIROUZU; Takehisa MATSUMOTO; Katsuhiko KAMADA; Yasushi ITOH; Hirohito ISHIGAKI; Misako NAKAYAMA; Yoshinori KITAGAWA; Yoshihiro KAWAOKA;	KEIO UNIVERSITY; JAPAN as represented by DIRECTOR GENERAL of NATIONAL INSTITUTE OF INFECTIOUS DISEASES; RIKEN; SHIGA UNIVERSITY OF MEDICAL SCIENCE; THE UNIVERSITY OF TOKYO;
582	20230303666	2021-09-24	CELL-FREE ANTIBODY ENGINEERING PLATFORM AND NEUTRALIZING ANTIBODIES FOR SARS-COV-2	Aviv Regev; Xun Chen;	
583	20220089695	2021-09-24	Targeting SARS-CoV-2 Viral-immune Interaction for COVID-19 Therapy	Jun Wang; Qiao Lu; Jia Liu; Chao Huang; Jianbo Dong; Yue Liu;	
584	20230382977	2021-09-23	MULTIMERIC PROTEIN COMPLEXES AS ANTIBODY SUBSTITUTES FOR NEUTRALIZATION OF VIRAL PATHOGENS IN PROPHYLACTIC AND THERAPEUTIC APPLICATIONS	Daniel COX; Richard DAVIS; Michael TONEY;	
585	20230357870	2021-09-23	CORONAVIRUS REPLICONS FOR ANTIVIRAL SCREENING AND TESTING	Xi HE; Shuo QUAN; Dai WANG; Min XU;	MERCK SHARP & DOHME LLC;
586	20240002860	2021-09-22	SARS-CoV-2 SPIKE GLYCOPROTEIN-BINDING NUCLEIC ACID MOLECULE, SARS-CoV-2 DETECTION SENSOR, SARS-CoV-2 DETECTION REAGENT, SARS-CoV-2 DETECTION METHOD, AND SARS-CoV-2 VIRUS DEACTIVATOR	Hiroataka Minagawa; Tomoko Fujita; Shintaro Kato; Asumi Inaguma; Katsunori Horii;	NEC Solution Innovators, Ltd.;
587	20230372572	2021-09-22	Rotational Disinfectant Device and Method for Capturing and Disinfecting Infectants from a Gas	Jozef Johannes Hubertus Brouwers;	
588	20230077887	2021-09-22	KIT FOR DETECTION NOVEL CORONAVIRUS AND PREPARATION METHOD THEREFOR AND DETECTION METHOD THEREFOR	Li WANG; Lang CHEN;	
589	20240018207	2021-09-22	INTERFERON TAU FC-FUSION PROTEINS AND METHODS FOR TREATING CORONAVIRUS INFECTIONS	Yuhua Zhang; Wendy Tang;	
590	20230366882	2021-09-21	IN VITRO METHOD FOR THE DETECTION OF SARS-COV-2 IN AN ORAL SAMPLE USING A COLORIMETRIC IMMUNOSENSOR AND RELATED COLORIMETRIC IMMUNOSENSOR	Stefania AMOROSI; Antonio CERVO; Bartolomeo DELLA VENTURA; Elena SAUCHELLI; Salvatore SESSO; Raffaele VELOTTA;	
591	20230358747	2021-09-21	IN VITRO METHOD FOR THE DETECTION OF SARS-COV-2 IN A SAMPLE FROM THE UPPER RESPIRATORY TRACT USING A COLORIMETRIC IMMUNOSENSOR AND RELATED COLORIMETRIC IMMUNOSENSOR	Stefania AMOROSI; Sergio BOLLETTI CENSI; Antonio CERVO; Bartolomeo DELLA VENTURA; Elena SAUCHELLI; Salvatore SESSO; Raffaele VELOTTA;	
592	20240053339	2021-09-21	HIGH THROUGHPUT METHODS AND PRODUCTS FOR SARS-COV-2 SERO-NEUTRALIZATION ASSAY	Pierre CHARNEAU; François ANNA; Fabien NEVO; Amandine NOIRAT; Yves JACOB; Phillipe SOUQUE;	
593	20230296604	2021-09-21	A Method of Detecting SARS-COV2 Antibodies and Related Products	Yun Goh; Laurent Renia; Lisa Fong Poh Ng;	
594	20240018230	2021-09-21	METHODS FOR TREATING OR MODULATING AN INFLAMMATORY RESPONSE	Thirumala-Devi KANNEGANTI; Rajendra KARKI;	
595	20240044895	2021-09-20	IDENTIFICATION OF SARS-COV-2 EPITOPES DISCRIMINATING COVID-19 INFECTION FROM CONTROL AND METHODS OF USE	Irene ONG; David O'CONNOR; Miriam SHELEF; Anna HEFFRON; David BAKER; Maya AMJADI; Sean MCILWAIN; Saniya KHULLAR;	
596	20230337936	2021-09-17	A method for analysing a breath sample for screening, diagnosis or monitoring of SARS-CoV-2 carriage or infection (COVID-19) on humans	Camille ROQUENCOURT; Etienne THEVENOT; Djillali ANNANE; Stanislas GRASSIN-DELYLE;	
597	20230375531	2021-09-17	A Method Of Detecting an Analyte and Related Systems	Patthara Kongsuphol; Huan Jia; Hadley Sikes;	
598	20230366041	2021-09-16	DETERMINATION OF THE PRESENCE OF SARS-COV-2 OR OTHER RESPIRATORY PATHOGEN IN A PERSON	Christina Zelano; Gregory Lane;	
599	20230331823	2021-09-15	SHARK-DERIVED BINDING MOLECULES FOR SARS-COV-2 CORONAVIRUS AND USES THEREOF	Michael JOYCE; Kayvon MODJARRAD; Helen DOOLEY; Agnes HAJDUCZKI; Wei-Hung CHEN;	

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#	Pub. No	Filed	Title	Inventors	Assignees
601	20220000808	2021-09-15	Cysteamine for the Treatment, Mitigation and Prevention of Coronaviral, e.g., SARS-CoV-2, Infections	Jess THOENE; Robert GAVIN;	
602	20230381304	2021-09-15	NOVEL AGONIST VACCINE FORMULATION	Krishna VADREVU; Ganneru BRUNDA; Krishna ELLA;	BHARAT BIOTECH INTERNATIONAL LIMITED;
603	20230358762	2021-09-15	DIAGNOSTIC METHODS FOR KAWASAKI DISEASE	Rhonda RHYNE; Craig MAGARET; Grady BARNES; Celine PETERS; Michael PORTMAN;	
604	20220213531	2021-09-15	MOLECULAR ELECTRONIC SENSORS FOR GENETIC ANALYSIS BY HYBRIDIZATION	Carl Fuller; Barry Merriman; Paul Mola; Hadi Abderrahim; Andrew Hodges;	Roswell Biotechnologies, Inc.;
605	20230399385	2021-09-14	NEUTRALIZING ANTIBODIES AGAINST SARS-COV-2	Bai LU; Yang DOU; Lin CAO; Xiaoyu XU; Jianfeng PAN;	
606	20230374116	2021-09-14	SINGLE DOMAIN ANTIBODIES THAT TARGET SARS-COV-2	Jiandong Huo; Raymond Owens; James Naismith;	
607	20230341396	2021-09-13	METHODS AND RELATED ASPECTS FOR PATHOGEN DETECTION	Netzahualcoyotl ARROYO; Jamie SPANGLER; Taekjip HA; Elissa LEONARD; Miguel PELLITERO; Soojung HUR; Harrison KHOO;	THE JOHNS HOPKINS UNIVERSITY;
608	20230310585	2021-09-13	VACCINE FOR VIRAL PATHOGENS	Wilfred JEFFERIES;	THE UNIVERSITY OF BRITISH COLUMBIA;
609	20230081431	2021-09-12	Method For Treating COVID-19 and Related Viral Infections	Thomas Comollo;	
610	20230082992	2021-09-11	AEROSOL AND TOPICAL ADMINISTRATION OF A FORMULATION CONTAINING CYCLODEXTRIN, QUERCETIN AND ZINC, IN COMBINATION OR SEPARATELY, TO MITIGATE INFECTION BY ENVELOPED VIRUSES	Bhanu Jena;	Viron Therapeutics LLC;
611	20220090082	2021-09-10	GAPMER ANTISENSE OLIGONUCLEOTIDES TARGETING SARS-COV-2 FOR TREATING COVID 19	Yi-Wen CHEN; Alexander LIU;	CHILDREN'S NATIONAL MEDICAL CENTER;
612	20230341395	2021-09-10	DUAL-AFFINITY PROBES FOR ANALYTE DETECTION	Robert GREENE; Christine BUERKI; Oscar URTATIZ;	
613	20220074857	2021-09-10	NANO HOLE ARRAY BASED SENSORS WITH VARIOUS COATINGS AND TEMPERATURE CONTROL FOR COVID-19	Mona Zaghloul; Jeanne Jordan; Stefanie Johns; Hayley Springer;	
614	20220074939	2021-09-09	METHOD FOR DETERMINING IMMUNE COMPETENCE AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2	Shin-Ru SHIH; Kuan-Ting LIU; Guang-Wu CHEN; Chung-Guei HUANG; Kar-Yee YU; Hou-Chen LEE; Peng-Nien HUANG; Yu-Nong GONG; Rei-Lin KUO; Chih-Ching WU; Yu-An KUNG; Sheng-Yu HUANG;	
615	20210407232	2021-09-09	METHOD AND APPARATUS FOR PERSONAL PATHOGEN STATUS VERIFICATION AT POINT OF ENTRY INTO AN AREA OF CONGREGATION	Mark KLEIN; Wendell BROWN;	
616	20210407233	2021-09-09	METHOD AND APPARATUS FOR PERSONAL PATHOGEN STATUS VERIFICATION AT POINT OF ENTRY INTO AN AREA OF CONGREGATION	Mark KLEIN; Wendell BROWN;	
617	20240066116	2021-09-09	FULLY SYNTHETIC, LONG-CHAIN NUCLEIC ACID FOR VACCINE PRODUCTION TO PROTECT AGAINST CORONAVIRUSES	Matthias CHRISTEN; Natasa CMILJANOVIC VRANIC; Vladimir CMILJANOVIC;	ROCKETVAX AG;
618	20230074138	2021-09-08	Peptide Inhibitors Targeting Methyltransfer Mechanism of SARS-CoV-2	Abdulla MAHBOOB;	
619	20230331782	2021-09-08	Compositions and Methods for Reducing Risk of Vaccine-Enhanced Disease	Hansell Stedman;	
620	20220034904	2021-09-07	IMMUNOASSAY FOR SARS-CoV-2 ANTIBODIES	Sandeep Vashist; Lionel Guiffo Djoko; Bhavesh Govind; Richard Janeczko;	

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#	Pub. No	Filed	Title	Inventors	Assignees
621	20220074882	2021-09-03	ELECTROCHEMICAL-BASED SENSOR FOR RAPID AND DIRECT DETECTION OF SARS-COV-2	Suzanne WITT; Michael BECKER;	
622	20230322779	2021-09-02	IMIDAZONAPHTHYRIDINES AND IMIDAZOPYRIDOPYRIMIDINES AS IFNAR2 AGONISTS FOR TREATING SARS-COV-2 INFECTIONS	Jorge GORDILLO; David PAYNE; Robert SCOTT; Shihyun YOU;	
623	20230276798	2021-09-02	METHOD AND COMPOSITION FOR PATHOGEN INHIBITION UTILIZING ENGINEERED CRYSTALLINE STRUCTURES	Erwin LO;	Strategia Project Management, LLC, an Illinois Limited Liability Company;
624	20230312656	2021-09-01	RECOMBINANT SARS-COV-2 SPIKE PROTEIN SUBUNITS, EXPRESSION AND USES THEREOF	David Clements; James Senda; Jaime Horton;	
625	20220088180	2021-08-31	IMMUNOGENIC COMPOSITIONS AND USE THEREOF	Pardis SABETI; Shira Weingarten-Gabbay; Susan Klaeger; Jenn Abelin; Mohsan Saeed; Nir Hacohen; Siranush Sarkizova; Steven Carr; Karl Clauser;	
626	20230287090	2021-08-30	USE OF SARS-CoV-2 RECEPTOR BINDING MOTIF (RBM)-REACTIVE MONOCLONAL ANTIBODIES TO TREAT COVID-19	Haichao WANG; Kevin TRACEY; Jian LI; Cassie ZHU; Xiaoling QIANG;	
627	20220065852	2021-08-30	DEVICES AND METHODS FOR DETECTING VIRAL INFECTION	Mei-Jhy Su; Juehn-Shin Maa; Jonathan Maa; Jessica Maa; Julia Maa;	
628	20230321220	2021-08-27	AAV5-BASED VACCINE AGAINST SARS-COV-2	Alexander PROKOFYEV; Pavel GERSHOVICH; Anna STRELKOVA; Natalia SPIRINA; Diana KONDINSKAIA; Pavel IAKOVLEV; Dmitry MOROZOV;	
629	20230399364	2021-08-27	Immunogenic Coronavirus Fusion Proteins and Related Methods	Abigail Powell; Payton Anders-Benner Weidenbacher; Natalia Friedland; Mrinmoy Sanyal; Peter Kim;	The Board of Trustees of the Leland Stanford Junior University; CZ Biohub SF, LLC;
630	20230346737	2021-08-27	COMPOUNDS AND METHODS FOR PREVENTION AND TREATMENT OF VIRUS INFECTIONS	Yeh WU; Jir-Mehng LO; Cheng HUANG; Hui-Ju LIANG; Pei-Hsin LIN; Hao CHIANG; Wei-Chung CHIOU; Guan-Jhong HUANG;	ARJIL BIOTECH HOLDING COMPANY LIMITED;
631	20230346784	2021-08-27	METHOD FOR TREATING COMPLEMENT MEDIATED DISORDERS CAUSED BY BETACORONAVIRUSES	Moshe Vardi; Robert Brodsky; Xiang Gao; Shamsah Kazani; Venu Nagali; Xuan Yuan;	Alexion Pharmaceuticals, Inc.; The Johns Hopkins University;
632	20230338511	2021-08-27	SINGLE-CHAIN CORONAVIRUS VIRAL MEMBRANE PROTEIN COMPLEXES	Ke-He Ruan; Xinli Liu; Renzhong Lu;	
633	20230301869	2021-08-27	DEVICE FOR ACUPUNCTURE AND MOXIBUSTION THERAPY AND USES THEREOF	Xunhua ZHANG;	
634	20230073821	2021-08-27	ANTIGEN-BINDING PROTEINS TARGETING CORONAVIRUS (COV) VARIANTS	Binquan Luan; Leili Zhang; Tien Huynh;	
635	20220133837	2021-08-27	PEPTIDE INHIBITORS OF NF KAPPA B AND USE THEREOF IN TREATMENT OF COVID-19 AND INFLAMMATORY DISEASES	Rajendra BHATNAGAR;	
636	20220062406	2021-08-27	IMMUNE MEMORY ENHANCED PREPARATIONS AND USES THEREOF	Mark Suckow; Ashley Kalinauskas; Ryan Clauson;	
637	20240025938	2021-08-27	NOVEL FORMS OF ANTIVIRAL NUCLEOSIDES	Jameson BOTHE; Andrew Patrick Jude BRUNSKILL; Mark LOCKWOOD; Justin NEWMAN; Manohar SAINDANE;	
638	20230323487	2021-08-26	PORTABLE DETECTION OF SARS-COV-2 USING UNIMOLECULAR APTASENSORS	Alexander GREEN; Zhaoqing YAN; Anli TANG;	
639	20220062219	2021-08-26	COMPOSITION AND METHOD FOR TREATING OR PROPHYLAXIS OF CORONAVIRUS AND CANCERS	Pablo BETANCOURT;	
640	20240033343	2021-08-26	MODIFIED POLYPEPTIDES WITH IMPROVED PROPERTIES	Keith CHAPPELL; Paul YOUNG; Daniel WATTERSON;	THE UNIVERSITY OF QUEENSLAND;

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#	Pub. No	Filed	Title	Inventors	Assignees
641	20230331825	2021-08-25	SARS-COV-2 ASSOCIATED ANTIBODY COMPOSITIONS AND METHODS OF USE	Goran Rakocevic; Daniele Biasci;	
642	20230332216	2021-08-25	METHODS AND REAGENTS FOR RAPID DETECTION OF PATHOGENS IN BIOLOGICAL SAMPLES	Raymond Stowe;	Microgen Laboratories;
643	20240016786	2021-08-25	GLUCOSIDASE INHIBITORS FOR THE TREATMENT AND PREVENTION OF PULMONARY INFECTIONS	Sebastian MARCUCCIO; David Alexander Vodden MORTON; Simon TUCKER;	
644	20230314414	2021-08-24	METHOD FOR DETERMINING SUSCEPTIBILITY TO SARS-COV-2 INFECTION	Aurangzeb Nagy;	Other;
645	20220057391	2021-08-24	DIAGNOSTIC AND THERAPEUTIC FOR THE IDENTIFICATION AND TREATMENT OF SARS-CoV-2	Dimitrios VLACHAKIS; Charles Neblett; Maria Kasti;	
646	20220054074	2021-08-24	METHODS AND KITS FOR RAPID SCREENING FOR HYPOSMIA AND ANOSMIA	Christopher STODGELL; Ronald WOOD;	University of Rochester;
647	20220059194	2021-08-23	3D PHARMACOPHORE MODEL FOR THE RAPID COMPUTATIONAL SCREENING OF SARS-COV-2 MODULATORS AND COMPOSITIONS AND METHODS THEREOF	Dimitrios VLACHAKIS; Charles NEBLETT; Maria KASTI;	
648	20240016918	2021-08-23	VACCINES AGAINST SARS-COV-2 INFECTIONS	Natalie ANOSOVA; Salvador AUSAR; Catherine BERRY; Florence BOUDET; Danilo CASIMIRO; Roman CHICZ; Gustavo DAYAN; Guy DE BRUYN; Carlos DIAZGRANADOS; Tong-Ming FU; Marie GARINOT; Lorry GRADY; Sanjay GURUNATHAN; Kirill KALNIN; Nikolai KHRAMTSOV; Valérie LECOUTURIER; Nausheen RAHMAN; Sophie RUIZ; Stephen SAVARINO; Saranya SRIDHAR; Indresh SRIVASTAVA; James TARTAGLIA; Timothy TIBBITTS;	SANOFI PASTEUR INC.;
649	20230322863	2021-08-23	REAGENTS AND METHODS FOR PREVENTING, TREATING OR LIMITING SEVERE ACUTE RESPIRATORY SYNDROME (SARS) CORONAVIRUS INFECTION	Pascal BRANDYS;	
650	20240050557	2021-08-21	CORONAVIRUS VACCINE AND METHOD FOR PREPARATION THEREOF	Deepak KUMAR; Krishna ELLA;	BHARAT BIOTECH INTERNATIONAL LIMITED;
651	20230331824	2021-08-20	SINGLE-DOMAIN ANTIBODIES THAT BIND SARS-COV-2	Brian Chait; Michael Rout; John Aitchison; Fred Mast; Jean Olivier; David Fenyo;	The Rockefeller University; Seattle Children's Hospital d/b/a Seattle Children's Research Institute; New York University;
652	20230303631	2021-08-20	METHOD FOR INDUCING IMMUNITY TO SARS-CoV-2	Shinichiro FUJII; Kanako SHIMIZU;	RIKEN;
653	20230346921	2021-08-20	CIRCULAR RNA VACCINES AND METHODS OF USE THEREOF	Wensheng WEI; Liang QU; Zongyi YI;	
654	20220057390	2021-08-20	SALIVA TESTING KIT USING NANO CARBON IMMUNOCHROMATOGRAPHY	Xiaolong Hu; Hong Zheng; Fahmi Nogura;	
655	20220016129	2021-08-20	USE OF HOMOHARRINGTONINE IN PREPARATION OF BETACORONAVIRUS REPLICATION INHIBITOR IN HUMAN	Chungl Wu; Haijun Wen;	
656	20230323486	2021-08-18	KIT AND METHOD FOR ISOTHERMAL RAPID DETECTION OF SARS-COV-2 VIRUS NUCLEIC ACID	Yan Feng; Zhonglei Li; Xingyu Ye; Xiang Guo; Jun HUANG; Tao Liu;	SHANGHAI JIAO TONG UNIVERSITY;
657	20240018609	2021-08-18	LAMP DETECTION OF SARS-COV-2 IN SALIVA FOR THE RAPID DIAGNOSIS OF COVID-19	Markus KALKUM; Sanjeet DADWAL;	
658	20230303629	2021-08-17	FUSION PROTEINS COMPRISING SARS-COV-2 NUCLEOCAPSID DOMAINS	EFRAIN PAVIA; ELISABETE NASCIMENTO; ELIZABETH BOOTH; ZEBULON LAPOINT; CHARLES HOLZ; TRISTAN WASLEY; JODY MELTON WITT;	
659	20220054510	2021-08-17	USE OF 1-ALPHA-HYDROXYVITAMIN D5 AND RELATED COMPOUNDS AS PROPHYLACTIC OR THERAPEUTIC AGENTS FOR SARS-COV-2 (COVID-19 VIRUS) AND RELATED INFECTIONS	Richard Pariza; Robert Moriarty;	
660	20230352123	2021-08-17	AUTOMATIC DESIGN OF MOLECULES HAVING SPECIFIC DESIRABLE CHARACTERISTICS	Timothy Atkinson; Saeed Saremi; Jonatan Masci;	

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661	20230321219	2021-08-17	SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS [SARS-CoV-2]-VIRUS-LIKE PARTICLE [VLP] VACCINE; COMPOSITIONS, DELIVERY STRATEGIES, METHODS AND USES	Jose GALARZA; Ke WEN; Ryan MAZBOUDI; Matthew RESCH;	
662	20230305004	2021-08-16	POINT-OF-CARE DIAGNOSTIC FOR DETECTING THE NUCLEOCAPSID PROTEIN OF SARS-COV-2	Daniel Kamei; Daniel Bradbury; Ren Sun; Yushen Du; Benjamin Wu; Jasmine Trinh; Milo Ryan; Cassandra Cantu;	The Regents of the University of California;
663	20230341394	2021-08-16	TR-FRET BASED ASSAY FOR DETECTION OF ANTIBODIES IN SEROLOGICAL SAMPLES	Eric Fischer; Radoslaw Nowak; Hong Yue; Daan Overwijn; Ralph Mazitschek; Neil Payne;	DANA-FARBER CANCER INSTITUTE, INC.; THE GENERAL HOSPITAL CORPORATION; PRESIDENT AND FELLOWS OF HARVARD COLLEGE;
664	20230305005	2021-08-16	CORONAVIRUS POINT-OF-CARE AGGLUTINATION ASSAY	Joshua Soldo; Scott Bergmann;	
665	20240024459	2021-08-13	METHOD FOR PRODUCING AN ANTIGEN CORRESPONDING TO THE INACTIVATED SARS-COV-2 VIRUS, ANTIGEN CORRESPONDING TO THE INACTIVATED SARS-COV-2 VIRUS, ANTIGENIC COMPOSITION, KITS, AND USES THEREOF	RICARDO DAS NEVES OLIVEIRA; ANA CHUDZINSKI-TAVASSI; DENISE TAMBOURGI; VIVIANE BOTOSSO; SORAIA ATTIE CAUL JORGE; RENATO ASTRAY; MONICA MATHOR;	
666	20230321126	2021-08-13	Micronutrient combination to inhibit coronavirus cell infection	Aleksandra Niedzwiecki; MATTHIAS Rath; Vadim Ivanov; Anna Goc;	Other;
667	20230174936	2021-08-13	IMMUNOSUPPRESSANT-RESISTANT T-CELLS FOR ADOPTIVE IMMUNOTHERAPY	Leila AMINI; Michel SCHMUECK-HENNERESSE; Petra REINKE; Hans-Dieter VOLK; Dimitrios WAGNER;	
668	20220046927	2021-08-13	DISINFECTANT COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME	Tom Johnson; Aryn Nanjee; Prerna Goradia;	
669	20220047017	2021-08-13	FACE MASKS AND OTHER PROTECTIVE DEVICES HAVING ENHANCED VIRUS ENTRAPMENT EFFICIENCY, AND RELATED METHODS	Sergei SVAROVSKY; John HUEMOELLER;	
670	20220047545	2021-08-13	Micronutrient combination to inhibit coronavirus cell infection	Aleksandra Niedzwiecki; MATTHIAS Rath; Vadim Ivanov; Anna Goc;	Other;
671	20220056542	2021-08-12	Rapid Viral Diagnostic Test	Hermes GARBÁN; Kayvan NIAZI; Shahrooz RABIZADEH; Patrick SOON-SHIONG;	
672	20240033342	2021-08-12	COMPOSITIONS FOR TREATING GASTROINTESTINAL ADENOCARCINOMAS BY ALTERING THE TUMOR MICROENVIRONMENT	Lars Uttenthal; Torsten Bjørn;	
673	20230303654	2021-08-11	COMPOSITIONS AND USES OF SARS-COV-2 TARGETED CHIMERIC ANTIGEN RECEPTOR MODIFIED NK CELLS	Jianhua Yu; Michael Caligiuri;	
674	20220056112	2021-08-11	MONOCLONAL ANTIBODIES AGAINST SARS-CoV-2 NUCLEOCAPSID PROTEIN AND USES THEREOF	Hai WU; Yang LOU;	
675	20220056111	2021-08-11	MONOCLONAL ANTIBODY AGAINST SPIKE S1 PROTEIN OF SARS-CoV-2 AND USE THEREOF	Hai WU; Yang LOU;	
676	20230302120	2021-08-11	PROTEINS, POLYNUCLEOTIDES, AND METHODS FOR TREATING CORONAVIRUS INFECTION	Ashok Chopra; Jian Sha; Eric Rothe; Snehal Patel;	
677	20230270792	2021-08-11	REDUCTION OF COVID-19 COAGULOPATHY AND OTHER INFLAMMATION-ASSOCIATED COAGULOPATHIES BY ADMINISTRATION OF FIBROBLASTS	Pete O'HEERON; Thomas ICHIM;	
678	20220050106	2021-08-11	METHODS AND KITS FOR DETECTING SARS-CORONAVIRUS-2 ANTIGEN	Andrew Ball; Lei Chang; Syrena Fernandes; Kevin Hrusovsky; Joseph Johnson; Dawn Mattoon; Tatiana Plavina; Dandan Shan; David Wilson;	Quanterix Corporation;
679	20230257804	2021-08-10	SWITCH OLIGONUCLEOTIDE	Wei HUANG; Zhanfeng CUI; Boon LIM; Chia-Chen HSU; Yejong YU;	
680	20220040228	2021-08-10	MATERIALS AND METHODS FOR STOPPING RESPIRATORY VIRUS INFECTIONS	Frank Gaertner;	

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#	Pub. No	Filed	Title	Inventors	Assignees
681	20220041694	2021-08-09	SARS-COV-2 ANTIBODIES FOR TREATMENT AND PREVENTION OF COVID-19	Robert GASSER; Mark ESSER; Patrick MCTAMNEY, II; Yueh-Ming LOO; Reena VARKEY; Qun DU; James STEINHARDT; Saravanan RAJAN;	
682	20240115695	2021-08-09	Method of Obtaining Betulin as an Adjuvant in a Vaccine Against Coronavirus SARS-COV-2	Artur ISAEV; Igor KRASILNIKOV; Maria FLOLOVA; Alexander KUDRYAVTSEV; Anna VAKHRUSHEVA; Alexander IVANOV;	
683	20230302009	2021-08-09	BACE1 INHIBITOR TREATMENT FOR SUPPRESSING CYTOKINE STORM	Shideng Bao; Kui Zhai; Zhi Huang;	
684	20220040699	2021-08-09	TEMPERATURE PROFILE ENCODING FOR DIAGNOSTIC TESTS	Jonathan Rothberg; Benjamin Rosenbluth; Todd Roswech;	Detect, Inc.;
685	20220033460	2021-08-09	IDENTIFICATION AND USE OF T CELL EPITOPES IN DESIGNING DIAGNOSTIC AND THERAPEUTIC APPROACHES FOR COVID-19	Daniel Pregibon; Joshua Francis; Del Leistritz-Edwards; William Dunn; Violeta Rayon Estrada; Gang Liu; Jan Kisielow; Franz-Josef Obermair;	
686	20230416343	2021-08-06	Neutralizing Antibodies that Bind the SARS-COV-2 S Protein	Henry Ji; Robert Allen; Heyue Zhou; Yanliang Zhang; Yanwen Fu; Wenzhong Guo; Hui Xie; Xia Cao; Lucy Lu; Donghui Li; Reyna Lim; Arthur Ledesma; Daniel Lee;	Sorrento Therapeutics, Inc.;
687	20230287523	2021-08-06	SARS-COV-2 RAPID SEQUENCE-BASED DIAGNOSTIC ASSAY WITH SENSORS OF IMMUNE ACTIVATION AND THE VIRAL MICROBIOTA	Daniel JONES; Huolin TU; Matthew AVENARIUS;	
688	20220034886	2021-08-06	IMMUNOASSAY FOR SARS-CoV-2 ANTIGEN AND ANTIBODIES	Sandeep Vashist; Lionel Guiffo Djoko; Bhavesh Govind;	
689	20210361733	2021-08-06	Prevention and Treatment of SARS-CoV-2 Infection by Mentha piperita and Flos chrysanthemi Extracts alone, and their Combination	Atta-ur- Rahman; Muhammad Choudhary; Saba Farooq; Atia-tul-Wahab;	
690	20240033259	2021-08-06	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASE ASSOCIATED WITH BETA CORONAVIRUS INFECTION	Jacqueline IVERSEN; Thomas DAHL;	
691	20230330213	2021-08-05	COMPOSITIONS OF SARS-COV-2 VACCINES BASED ON THE RECEPTOR BINDING DOMAIN, EXPRESSED AS A DIMER, AND THE OUTER MEMBRANE VESICLE OF MENINGOCOCCAL GROUP B BACTERIA	Yury Valdés Balbín; Vicente Verez Bencomo; Dagmar García Rivera; Yanet Climent Ruiz; Sonsire Fernández Castillo; Laura Rodríguez Noda; González Rodríguez Humberto; Ubel Jesús Ramírez González; Mario Chovel Cuervo; Rocmira Pérez Nicado; Belinda Sánchez Ramírez; Eduardo Ojito Magaz; Tammy Boggiano Ayo; Reynaldo Oliva Hernández; Guang Chen;	
692	20220118351	2021-08-05	METHOD AND APPARATUS FOR PLAYING AN EDUCATIONAL BOARD GAME	Kimberly JOSEPH;	
693	20220042118	2021-08-05	METHOD FOR THE RAPID DIAGNOSIS OF COVID-19 USING A MOBILE GENETIC TESTING LABORATORY	James Kain; Michael Ero; Frances Tran;	Machaon Diagnostics, Inc.;
694	20220042992	2021-08-05	COMPOSITIONS AND METHODS FOR DETECTION AND TREATMENT OF CORONAVIRUS INFECTION	John Altin; Jason Ladner;	THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE; ARIZONA BOARD OF REGENTS ON BEHALF OF NORTHERN ARIZONA UNIVERSITY;
695	20220042117	2021-08-04	COMPOSITIONS AND METHODS FOR THE SIMULTANEOUS DETECTION OF INFLUENZA A, INFLUENZA B, AND SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	Renjian Huang; Jingtao Sun;	
696	20220043000	2021-08-04	METHODS AND KITS FOR DETECTING SARS-COV-2 PROTEIN IN A SAMPLE	A Muerhoff; Toru Yoshimura; Philip Hemken; Eitan Israeli; Ryotaro Chiba; Takamitsu Morikawa; Dong Wang; Fusamitsu Yanagihara;	
697	20240009299	2021-08-04	MULTI-EPI TOPE VACCINE	Feixiong Cheng; William Martin;	
698	20220033522	2021-08-02	MATERIALS AND METHODS FOR MULTIDIRECTIONAL BIOTRANSPORTATION IN VIROTHERAPEUTICS	Rajkumar GANESAN; Adam ZWOLAK; Ian WHITE; Ninkka TAMOT; Paul HARVILLA; Rajitha DODDAREDDY; Sanjaya SINGH; Martin BORROK III;	JANSEN BIOTECH, INC.;
699	20220034885	2021-08-02	COMPOSITIONS AND METHODS FOR DETERMINING CORONAVIRUS NEUTRALIZATION TITERS	James Mond; William Leinert, SR; Andy Gibson;	
700	20230293565	2021-07-30	USE OF WNT/BETA-CATENIN PATHWAY INHIBITORS TO BLOCK REPLICATION OF SARS-COV-2 AND OTHER PATHOGENIC VIRUSES	Thomas HOBMAN; Zaikun XU; Cheung WONG;	

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#	Pub. No	Filed	Title	Inventors	Assignees
701	20230272005	2021-07-30	Amino Acid Sequence Derived from Sars-Cov-2 and Use Thereof	Tetsuhiko Yoshida; Nahoko Baileykobayashi; Yoshinori Yoshida;	
702	20220050102	2021-07-30	Lateral Flow Device for Detecting SARS-CoV-2 Antibodies in Human and Animal Samples	Joshua Lizer; Jason Workman; James Gillies; Eric Baima; Rajesh Mehra;	
703	20230330146	2021-07-30	APPLICATION OF MESENCHYMAL STEM CELLS IN PREPARATION OF DRUG FOR REPAIRING LUNG DAMAGE CAUSED BY COVID-19	Fusheng WANG; Lei SHI; Ruonan XU; Xin YUAN; Yu ZHANG; Weiqi YAO;	FIFTH MEDICAL CENTER OF CHINESE PLA GENERAL HOSPITAL; VCANBIO CELL & GENE ENGINEERING CORP., LTD;
704	20230295655	2021-07-30	RECOMBINANT VACCINIA VIRUS	Michinori KOHARA; Fumihiko YASUI; Yasushi ITOH; Koji ISHII;	TOKYO METROPOLITAN INSTITUTE OF MEDICAL SCIENCE; Shiga University of Medical Science;
705	20220034884	2021-07-30	Quantum Dot Conjugated Virus Spike Protein for Cell-Based Bio-Sensing Systems and Drug Screening	Eunkeu Oh; Kimihiro Susumu; Mason Wolak; Kirill Gorshkov;	
706	20230303664	2021-07-29	THERAPEUTIC AND DIAGNOSTIC VHH ANTIBODIES AGAINST SARS-COV-2 AND METHODS FOR THEIR ENHANCEMENT	Dirk GÖRLICH; Volker CORDES; Thomas GÜTTLER; Philip GUNKEL; Renate REES; Jens KRULL; Kathrin GREGOR; Waltraud TAXER; Leonie NEUMANN; Tino PLEINER; Bianka MUSSIL; Ulrike TEICHMANN; Aksu METIN; Oleh RYMARENKO; Jürgen SCHÜNEMANN; Matthias DOBBELSTEIN; Kim STEGMANN; Antje DICKMANN;	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.;
707	20230287087	2021-07-29	THERAPEUTIC AND DIAGNOSTIC VHH ANTIBODIES AGAINST SARS-COV-2 AND METHODS FOR THEIR ENHANCEMENT	Dirk GÖRLICH; Volker CORDES; Thomas GÜTTLER; Philip GUNKEL; Renate REES; Jens KRULL; Kathrin GREGOR; Waltraud TAXER; Leonie NEUMANN; Tino PLEINER; Bianka MUSSIL; Ulrike TEICHMANN; Aksu METIN; Oleh RYMARENKO; Jürgen SCHÜNEMANN; Matthias DOBBELSTEIN; Kim STEGMANN; Antje DICKMANN;	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.;
708	20220163528	2021-07-29	IMMUNOASSAY FOR SARS-CoV-2 ANTIBODIES	Sandeep Vashist; Lionel Gilles Guiffo Djoko Gilles; Bhavesh Govind;	
709	20230305020	2021-07-29	Assays for Assessment of Immune Function and Antibody Survey	Jeroen Bekaert; Michal Tal; Rachel Salomon-Shulman; Hanna Ollila;	
710	20220031635	2021-07-29	Treating COVID 19 by using a mixture of cannabinoids in micellized form to lower levels of pro-inflammatory cytokines and reduce risk of cytokine storm	Clint Sorensen; Melanie Montgomery; Matt Smith;	
711	20230054807	2021-07-28	NEUTRALIZING MONO-SPECIFIC IgY ANTIBODIES TO INHIBIT OR TREAT SARS-COV-2 CORONAVIRUS INFECTION	Esam AZHAR; Sherif EL-KAFRAWY; Aymn ABBAS;	
712	20230263918	2021-07-28	ANTIVIRAL METHODS AND COMPOSITIONS	David Whitten; Kirk Schanze; Linnea Ista; Patrick Donabedian; Eva Yung Hua Chi; Florencia Monge; Alison Kell;	
713	20230383368	2021-07-27	A DETECTION METHOD FOR VIRAL REPLICATION	Flavia Huygens; Lisa Simms;	Microbio Pty Ltd;
714	20230295274	2021-07-27	ANTI-SARS CORONAVIRUS-2 SPIKE PROTEIN ANTIBODIES	Leyan Tang; Allison Schulkins; Kimberly Than; Chun-Nan Chen;	Single Cell Technology, Inc.;
715	20230295746	2021-07-27	A DETECTION METHOD	Flavia Huygens;	Microbio Pty Ltd;
716	20230058162	2021-07-27	MULTIMERIC CORONAVIRUS BINDING MOLECULES AND USES THEREOF	Paul Hinton; Bruce Keyt; Dean Ng; Kathy Miller; Deepal Pandya; Stephen Carroll;	
717	20220026318	2021-07-26	PORTABLE SAMPLER TO DETECT MICROORGANISMS INCLUDING SARS-COV-2 IN THE AIR	Laura Maccio;	
718	20230270712	2021-07-26	NOBILETIN COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF COVID-19 AND RELATED PATHOLOGIES	James ROUFS; Paul HWANG; Feng ZHAO;	
719	20230293573	2021-07-23	OHPP-FORMULATED NICLOSAMIDE TO TREAT SARS-COV-2, OTHER VIRAL DISEASES, AND CANCERS	Yuan Yao; Jingmin Zhang;	Purdue Research Foundation;
720	20230296603	2021-07-23	DEVELOPMENT OF A SMARTPHONE-BASED BIOSENSOR DEVICE FOR DETECTING SARS-COV-2 ANTIGENS IN BODY FLUIDS USING LOCALIZED SURFACE PLASMON RESONANCE (LSPR)	MINH PHAN; LUAN VU; STEPHANIA CORMIER; MANAS GARTIA; ANH THI QUYNH PHAN;	

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#	Pub. No	Filed	Title	Inventors	Assignees
721	20220022458	2021-07-23	COMPOSITION AND METHOD FOR REDUCING THE INFECTIVITY AND VIRUCIDAL ACTIVITY OF SARS-COV-2	Erwin LO;	Strategia Project Management, LLC, an Illinois Limited Liability Company;
722	20230310369	2021-07-23	METHOD AND COMPOSITION FOR INHIBITING VIRUS INFECTION	Yeh Wu; Jir-Mehng Lo; Hui Liang; Cheng Huang;	ARJIL BIOTECH HOLDING COMPANY LIMITED;
723	20230304010	2021-07-23	COMPOSITIONS AND METHODS FOR TREATING VIRAL INFECTIONS	Neil DESAI; Gilles DIVITA;	
724	20220023237	2021-07-22	ADDITIVE AND/OR SYNERGISTIC COMBINATIONS OF METFORMIN WITH NUTRACEUTICALS FOR THE PREVENTION, INHIBITION AND TREATMENT OF SARS-COV-2 AND ASSOCIATED COVID-19	Thomas Ichim; James Veltmeyer; Timothy Dixon;	THERAPEUTIC SOLUTIONS INTERNATIONAL, INC.;
725	20230293485	2021-07-22	APPLICATION OF ARTEMISININ COMPOUND IN TREATMENT OF CORONAVIRUS INFECTION	Ruiyuan Cao; Manli Wang; Wei Li; Lei Zhao; Jingjing Yang; Yuexiang Li; Shiyong Fan; Xinbo Zhou; Dian Xiao; Zhihong Hu; Song Li; Wu Zhong;	
726	20230288414	2021-07-22	Type 1 IFN Assays and Methods of Diagnosis for Susceptibility to and Treatment of Viral Disease and Viral Vaccines, Including Covid -19	Jean-Laurent Casanova;	
727	20230263748	2021-07-22	APPLICATION OF BENFLUMETOL AND DERIVATIVES THEREOF IN TREATMENT OF CORONAVIRUS INFECTION	Ruiyuan CAO; Manli WANG; Wei LI; Lei ZHAO; Jingjing YANG; Yuexiang LI; Shiyong FAN; Xinbo ZHOU; Dian XIAO; Zhihong HU; Song LI; Wu ZHONG;	
728	20230265531	2021-07-22	COMPOSITIONS AND METHODS FOR ONE-STEP NUCLEIC ACID AMPLIFICATION AND DIAGNOSTIC METHODS BASED THEREON	Samir Hamdan; Masateru Takahashi; Muhammad Tehseen; Etsuko Takahashi;	
729	20230030607	2021-07-22	Novel oxygen pulse therapy method for treating COVID19 and viral, bacterial, fungal or parasitic respiratory and other diseases	Jose Hernandez;	
730	20220135939	2021-07-22	METHODS FOR DETECTING DISEASES AND DISORDERS CHARACTERIZED BY ABERRANT RED BLOOD CELL AGGREGATION	Oral ALPAN; Matthew PLASSMEYER;	Amerimmune LLC;
731	20240002451	2021-07-21	BROAD-SPECTRUM PEPTIDE ANTIGEN OF THE NOVEL CORONAVIRUS SARS-COV-2, SPECIFIC NEUTRALIZING ANTIBODY AND USE THEREOF	Jianqiang YE; Tuofan LI; Qiuqi KAN; Aijian QIN; Zhimin WAN; Hongxia SHAO; Quan XIE;	
732	20230345942	2021-07-21	CORONA VIRUS KILLING AGENT	Hisataka GODA;	
733	20230256086	2021-07-21	VACCINE USING M2/BM2-DEFICIENT INFLUENZA VECTORS	Michael MOSER; David MARSHALL; Liam MARSHALL; Yasuko HATTA; Pamuk BILSEL;	FluGen, Inc.;
734	20220028498	2021-07-21	METHODS AND SYSTEMS FOR HIGH-THROUGHPUT PATHOGEN TESTING	David Wilson; Brian Krueger; Robert Kays; David Garritt;	
735	20230287079	2021-07-20	BINDING PROTEINS RECOGNIZING SARS-COV-2 ANTIGENS AND USES THEREOF	Tomasz Kula; Given MacBeath; Andrew Ferretti; Yifan Wang;	
736	20230285541	2021-07-20	METHODS AND COMPOSITIONS FOR INCREASING IMMUNITY AGAINST CORONAVIRUSES	Domenico VALERIO; Jaap GOUDSMIT; Stefan Frederik Franciscus VERLINDEN;	
737	20230279036	2021-07-20	Salts of Remdesivir	Fabio ES. Souza; Fatemeh Mohammadpourmir; Alexander Stirk; Avedis Karadeolian; Allan Rey;	
738	20220015700	2021-07-20	Eyewear system for detecting and indicating presence of coronavirus	Allen Chefitz;	123IV, Inc.;
739	20220017606	2021-07-20	SARS-COV-2(SARS2, COVID-19) ANTIBODIES	Franklin Grosveld; Dubravka Drabek; Rien Van Haperen; Berend Bosch; Juliette Fedry; Daniel Hurdiss; Thijs Kuiken; Batholomeus Haagmans; Barry Hubertus Gerardus Rockx;	
740	20230338475	2021-07-19	USE OF INHALED INTERFERON-BETA TO IMPROVE OUTCOME IN SARS-CoV-2 INFECTED PATIENTS	Richard MARSDEN; Phillip MONK; Tom WILKINSON;	SYNAIRGEN RESEARCH LIMITED;

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#	Pub. No	Filed	Title	Inventors	Assignees
741	20230279078	2021-07-19	SARS-COV-2 PROTEINS, ANTI-SARS-COV-2 ANTIBODIES, AND METHODS OF USING THE SAME	GLEN HUGHES; RUTH MARCH; MARK ESSER; PATRICK MCTAMNEY II; YUEH-MING LOO; REENA VARKEY; QUN DU; JAMES STEINHARDT; SARAVANAN RAJAN;	
742	20220018838	2021-07-19	IMMUNOASSAY FOR SARS-COV-2 NEUTRALIZING ANTIBODIES AND MATERIALS THEREFOR	QIAN GAO; RAVI KAUL; SHUXIA ZHOU; ROGER WALKER;	
743	20240024337	2021-07-19	INTERACTION OF SARS-COV-2 PROTEINS WITH MOLECULAR AND CELLULAR MECHANISMS OF HOST CELLS AND FORMULATIONS TO TREAT COVID-19	Shreema Merchant; Manit Patel; Robin Duncan; Maria Fernanda de Andrade Fernandes; Vishal Jadhav;	
744	20230333108	2021-07-19	APTAMER-BASED POINT-OF-CARE ASSAY DEVICES AND METHODS	Drew Hall; Eliah Aronoff-Spencer; Naveen Singh; Partha Ray;	
745	20230272015	2021-07-19	VACCINE COMPOSITION FOR PREVENTING SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 INFECTION	Young Park; Byung Cho; Moon Jeong; Hyo Lee; Song Yeu; Young Cho; Bo Park; Areum Gil; Bo Jeon; Ye Oh; Gee Park; Joel Maslow; Christine Roberts; Mi KIM; Jung Lee; Hee Lim; Yun Hwang;	
746	20220018839	2021-07-19	Method And System For Virus And Protein-Antibody Interactions Detection And Monitoring Based On Optical Light Intensity And Electrical Parameters	Mahmoud FY. Al Ahmad; Tahir Rizvi; Farah Mustafa;	
747	20210356466	2021-07-19	Rapid Viral Assay	Bret Barnhizer; Jonathan Faro;	
748	20240003880	2021-07-16	MONOCLONAL ANTIBODIES AGAINST SARS-COV-2 NUCLEOCAPSID PHOSPHOPROTEIN AND SANDWICH ELISA METHOD	David HO; Lihong LIU;	
749	20230257716	2021-07-16	METHODS ENABLING INFECTION AND DIFFERENTIATION OF HUMAN DISTAL LUNG ORGANOIDs BY SARS-COV-2 AND OTHER PATHOGENS	Calvin Kuo; Shannon Choi; Manuel Amieva; Catherine Blish; Maria del Mar Margalef Catala; Arjun Rustagi;	
750	20220016268	2021-07-16	SKIN-BASED TESTING FOR DETECTION OF CELL-MEDIATED IMMUNE RESPONSES TO SARS-COV-2	Seth Lederman; Siobhan Fogarty;	
751	20210346411	2021-07-16	USE OF SUBSTITUTED AMINOPROPIONATE COMPOUNDS IN TREATMENT OF SARS-COV-2 INFECTION	Wu ZHONG; Ruiyuan CAO; Gengfu XIAO; Zhihong HU; Manli WANG; Leike ZHANG; Wei LI; Yuxiang LI; Lei ZHAO; Shiyong FAN; Song LI;	Academy of Military Medical Sciences;
752	20240011990	2021-07-16	VIRAL DETECTION SYSTEMS AND USES THEREOF	Karthika SANKAR; Scott SCHAUS; James GALAGAN; Catherine KLAPPERICH; John CONNOR; Mark GRINSTAFF; Keith HEARON;	TRUSTEES OF BOSTON UNIVERSITY;
753	20230346792	2021-07-16	COMPOSITIONS AND METHODS FOR TREATING LUNG INFLAMMATION	Robb Knie;	
754	20230256084	2021-07-15	SARS-COV-2 IMMUNOGENIC COMPOSITIONS, VACCINES, AND METHODS	Pierre CHARNEAU; Min-Wen KU; Pierre AUTHIE; Nicolas ESCRIOU; Maryline BOURGINE; Laleh MAJLESSI;	
755	20230256437	2021-07-15	METHODS AND DEVICES FOR THE RAPID DETECTION OF SARS-COV-2/COVID-19 DISEASE	Gulden Camci-Unal; Darlin Lantigua;	
756	20230341393	2021-07-15	Methods For Detecting Biomolecules of Interest By Biolayer Interferometry	Rebecca DuBois; John Dzimianski; Nicholas Lorig-Roach;	
757	20230277716	2021-07-15	PHOTOCATALYTIC AND PHOTO(ELECTRO)CATALYTIC APPROACHES FOR VIRAL DECONTAMINATION	Vaidyanathan Subramanian; Subhash Verma;	Nevada Research & Innovation Corporation;
758	20220040065	2021-07-15	COMPOSITIONS AND METHODS FOR PREVENTION OF VIRAL INFECTIONS AND ASSOCIATED DISEASES	Jaiprakash Shewale; James Ratcliff;	Micropure, Inc.;
759	20220016453	2021-07-15	ANTIVIRAL FACE MASKS AND AIR FILTERS	Robert BROWN; Paul CURTIS;	CALGON CARBON CORPORATION;
760	20240051993	2021-07-15	PEPTIDE WITH NEUTRALIZING ACTIVITY AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2	Yong CHUNG; Eun KIM; Eung LEE; Young LEE; Han KANG; Min JEONG;	CAREGEN CO, LTD.;

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#	Pub. No	Filed	Title	Inventors	Assignees
761	20230255186	2021-07-14	HUMANIZED MOUSE MODELS FOR SARS-COV-2 INFECTION	Leonard Shultz;	The Jackson Laboratory;
762	20220018850	2021-07-14	COMPOSITIONS AND METHODS FOR ASSAYING NEUTRALIZING ANTIBODIES	Chong-Sheng Yuan; Fakhri Said; Abhijit Datta; Chao Dou;	Diazyme Laboratories, Inc.;
763	20230273207	2021-07-13	ANTIGENS, ASSAYS, AND METHODS ASSOCIATED WITH SARS-COV-2	Fernando Kreutz;	
764	20210340636	2021-07-13	Assays for the Detection of SARS-CoV-2	Chiara Brambati; Simone Bocchetta; Giulia Minnucci;	DiaSorin S.p.A.;
765	20220018797	2021-07-12	RAPID AIRBORNE VIRAL SENSOR AND METHODS RELATED THERETO	Gerardine Botte; Ashwin Ramanujam;	Texas Tech University System;
766	20230312689	2021-07-09	HUMAN ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF AGAINST CORONAVIRUS SPIKE PROTEIN	Shuzo MATSUSHITA; Yu KAKU; Takeo KUWATA; Yoshihiro KAWAOKA; Masaki IMAI; Seiya YAMAYOSHI;	NATIONAL UNIVERSITY CORPORATION KUMAMOTO UNIVERSITY; The University of Tokyo;
767	20230263725	2021-07-09	INTRANASAL ADMINISTRATION OF AN ANTIOXIDANT COMPOUND FOR TREATING CORONAVIRUS INFECTION	Ryan Kole; Tom De Gregoris;	
768	20230151080	2021-07-09	METHODS FOR IDENTIFYING CORONAVIRUS CROSS-REACTING ANTIBODIES	Jaap Goudsmit; Marit Van Gils; Rogier Sanders;	
769	20220010386	2021-07-09	RAPID DIAGNOSTIC TEST	Henry Kemble; Spencer Glantz; Jeffrey Sabina; Sebastian Jaramillo-Riveri;	Detect, Inc.;
770	20230248818	2021-07-08	Nucleoside-modified RNA for Inducing an Immune Response Against SARS-CoV-2	Norbert Pardi; Drew Weissman;	
771	20230242623	2021-07-08	COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF SARS-COV-2 VIRUS INFECTION	MG. FINN; Asheley CHAPMAN; Jason GOLDSTEIN; Liangjun ZHAO; Dennis BAGAROZZI, Jr; Asiya CHIDA;	GEORGIA TECH RESEARCH CORPORATION; THE USA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES;
772	20220348954	2021-07-08	TARGETED EXOSOME BASED ON RBD REGION OF SARS-COV-2 S PROTEIN AND PREPARATION METHOD THEREOF	Sidong XIONG; Yuxuan FU;	
773	20230263883	2021-07-08	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS CoV-2) Peptide Epitopes	Stephen Elledge; Ellen Shrock; Eric Fujimura;	
774	20220133833	2021-07-08	USE OF GRAPE AND/OR SOY SUPPLEMENTS AGAINST COVID-19 AND 92 OTHER VIRUSES AND BACTERIA INCLUDING OTHER UNKNOWN VIRUSES AND BACTERIA	Kieu Hoang;	
775	20230339930	2021-07-07	Antiviral Heteroaryl Ketone Derivatives	Dafydd Owen; Martin Pettersson; Matthew Reese; Matthew Sammons; Jamison Tuttle; Qingyi Yang;	Pfizer Inc.;
776	20230256085	2021-07-07	COMBINATION VACCINE	Reinhard GLUCK; Agata FAZIO; Emanuele MONTOMOLI; Kaspar BANZIGER; Carlos QUINTO;	
777	20220008380	2021-07-07	METHODS OF TREATING COVID-19 PATHOGENESIS	Daniel Jacobson; Erica Prates; John Miller; Michael Garvin;	
778	20220011224	2021-07-06	DISEASE DIAGNOSIS USING SPECTROSCOPY AND MACHINE LEARNING	Dimitris Bertsimas; Driss Lahlou Kitane; Nawfel Azami; Jamal Fekkak; Rachid Benhida; Salma Loukman; Nabila Marchoudi;	Massachusetts Institute of Technology; Mohammed VI Polytechnic University; Laboratoire Anoual;
779	20220011219	2021-07-06	DISEASE DIAGNOSIS USING SPECTROSCOPY AND MACHINE LEARNING	Dimitris Bertsimas; Driss Lahlou Kitane; Nawfel Azami; Jamal Fekkak; Rachid Benhida; Salma Loukman; Nabila Marchoudi;	Massachusetts Institute of Technology; Mohammed VI Polytechnic University; Laboratoire Anoual;
780	20220000993	2021-07-06	DRUG FOR USE AGAINST THE NOVEL CORONAVIRUS DISEASE, COVID-19	Alexandr Khanykov;	

PATENT APPLICATION PUBLICATIONS

#	Pub. No	Filed	Title	Inventors	Assignees
781	20230332255	2021-07-02	CRISPR-CAS-BASED DETECTION OF SARS-COV-2 USING RECOMBINASE POLYMERASE AMPLIFICATION	Charles Chiu; Xian Deng; Janice Chen; James Broughton; Matthew Verosloff;	
782	20230250496	2021-07-02	RAPID DETECTION KIT FOR HUMAN PATHOGENIC CORONAVIRUSES: BETACORONAVIRUS GROUP B/C AND SARS-COV-2	Jessica VANHOMWEGEN; Jean-Claude MANUGUERRA;	
783	20230301948	2021-07-02	REDUCTION OF VIRAL INFECTIONS	Mohammed Masood;	
784	20230265407	2021-07-02	HUMAN RECOMBINANT ACE2-FC MUTANTS THAT DECOUPLE ANTI-SARS-COV-2 ACTIVITY FROM CARDIOVASCULAR EFFECTS	Jing Jin; Pan Liu;	
785	20230228752	2021-07-02	Kits and methods for the enrichment and detection of RNA viruses of the Coronaviridae family	Bastian Hülsmann;	
786	20230000884	2021-06-30	COMBINATION THERAPY FOR TREATING COVID-19	Kingrich Lee;	
787	20230226005	2021-06-29	Methods of Treating, Ameliorating, Shortening Duration, and/or Reversing Symptoms and/or Complications of a Coronavirus Infection	Joseph Vinetz;	
788	20220001006	2021-06-29	VIRUS LIKE NANOPARTICLE COMPOSITIONS AND METHODS THEREOF	Frank Lee; Qibin Geng; Jian Shang; Marc Jenkins; Sung-Wook Hong; Lanying Du; Wanbo Tai; Yushun Wan;	Regents of the University of Minnesota; New York Blood Center, Inc.;
789	20230235028	2021-06-28	ANTIBODY AGAINST SARS-COV-2, METHOD FOR DETECTING SARS-COV-2 USING ANTIBODY AND KIT CONTAINING ANTIBODY	Akihide Ryo; Yutaro Yamaoka; Sayaka Kikuchi;	
790	20230270802	2021-06-28	ANTIVIRAL PHARMACEUTICAL COMPOSITION	Maria LOMBARDI; Pallav BULSARA;	
791	20230264200	2021-06-26	AN AUTOMATED QUANTITATIVE ASSAY DEVICE AND A METHOD OF PERFORMING THE QUANTITATIVE ASSAYS	DINO ROTONDO; WILLIAM STIMSON; DAVID COWAN;	
792	20220017979	2021-06-25	METHODS OF DETECTING SARS-COV-2, INFLUENZA, AND RSV	Victor Chu; Sergey Lokhov; Oliver Nanassy; Richard Leuzzi; Jun Wang;	Cepheid;
793	20230323439	2021-06-25	CRISPR-BASED METHODS FOR THE DETECTION OF NUCLEIC ACIDS IN A SAMPLE	Meng TAN; Kean OOI; Jie Wen Douglas TAY; Seok TEO;	
794	20230295633	2021-06-25	CORONAVIRUS-SPECIFIC DOUBLE-STRANDED OLIGONUCLEOTIDES, AND COMPOSITION COMPRISING SAME FOR PREVENTING AND TREATING CORONAVIRUS DISEASE-19	Se GU; Chi YU; Youngjo SONG; Dong SONG; Gyeong HUR; Seong JEONG; Jun CHOI; Na KIM; Euni SIM; Seung LEE;	
795	20230233498	2021-06-25	COMPOSITIONS AND METHODS FOR THE TREATMENT OF COVID-19	Albert CRUM; Laura LILE;	
796	20220016053	2021-06-24	METHOD OF TREATING PATIENTS INFECTED WITH SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	Bradley Galer;	ZOGENIX INTERNATIONAL LIMITED;
797	20230256011	2021-06-24	Chlorite In the Treatment of Acute Respiratory Distress Syndrome	Michael McGrath;	
798	20210402017	2021-06-24	METHOD FOR INACTIVATING A VIRUS ON A SURFACE	Howard EPSTEIN; Qinyun PENG; Bettina MAGSAAM; Heike SCHUCHMANN; Paul NEWCOMB; Jutta LAGE;	MERCK PATENT GMBH;
799	20210402398	2021-06-24	DIAGNOSTIC DEVICE WITH DUAL-REGION SUBSTRATE	Jonathan Rothberg; Isaac Bean;	Detact, Inc.;
800	20230272050	2021-06-23	BINDING PROTEIN SPECIFIC FOR THE SPIKE PROTEIN OF SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS 2 (SARS-COV-2)	Mathias Kahl; Erik Fiedler; Eva Bosse-Doenecke; Anja Katschmann; Hanna Bobolowski; Jonathan Lotze; Maren Meysing;	Navigo Proteins GmbH;

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#	Pub. No	Filed	Title	Inventors	Assignees
801	20240117010	2021-06-23	BINDING PROTEIN SPECIFIC FOR THE SPIKE PROTEIN OF SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS 2 (SARS-COV-2)	Mathias Kahl; Erik Fiedler; Eva Bosse-Doenecke; Anja Katschmann; Hanna Bobolowski; Jonathan Lotze; Maren Meysing;	Navigo Proteins GmbH;
802	20230233514	2021-06-23	ANTIVIRAL COMPOUNDS AND METHODS OF USING THE SAME	Hok Tam; David Kolesky;	
803	20240093318	2021-06-23	METHOD FOR DIAGNOSING RESPIRATORY PATHOGENS AND PREDICTING COVID-19 RELATED OUTCOMES	KATHLEEN BARNES; IVANA YANG; CHRISTOPHER GIGNOUX; RASIKA MATHIAS; PAUL NORMAN; ALEM TAYE; RISHI PORECHA; BRET BARNES; BRETT PETERSON;	
804	20230220088	2021-06-22	Anti-CCR5 Monoclonal Antibody-Based Compositions and Methods	Paul Maddon;	Maddon Advisors LLC;
805	20210396409	2021-06-22	TREATMENT OF AIR STREAMS WITH ELECTROMAGNETIC REMOVAL OF VIRUSES AND CHARGED PATHOGENS	Elias Gedamu; Lashitew Gedamu; Rani Hussein; Chantelle Anderson; Abraham Gedamu;	
806	20210395346	2021-06-21	STEREOTYPIC NEUTRALIZING VH CLONOTYPES AGAINST SARS-COV-2 RBD IN COVID-19 PATIENTS AND THE HEALTHY POPULATION	Junho CHUNG; Sang Kim; Sujeong Kim; Jinsung Noh; Younggeun Choi; Duck Yoo; Yonghee Lee; Hyunho Lee; Wan Park; Myoung-don oh; Sunghoon Kwon;	
807	20230256083	2021-06-18	SELF-AMPLIFYING SARS-COV-2 RNA VACCINE	Itishri SAHU; Ashiquel HAQUE A K M; Sean MC CAFFERTY; Christiaan CARDON; Niek SANDERS;	
808	20230228751	2021-06-18	APTAMERS AGAINST SARS-COV-2	Arron TOLLEY; David BUNKA; Edward BARNES; Banushan BALANSETHUPATHY; Harriet FLYNN; Janice ROBOTOM; Laura MILBURN; Phoebe O'HARA; Joe REED;	
809	20210393679	2021-06-18	FORMULATION, USE AND METHOD FOR BROAD-SPECTRUM PROPHYLAXIS AND TREATMENT OF VIRAL INFECTIONS CAUSED BY SARS-CoV-2 AND OTHER EMERGING VIRUSES	Elard KOCH;	MELISA INSTITUTE, GENOMICS & PROTEOMICS RESEARCH SpA;
810	20210308257	2021-06-18	IMMUNOGENIC COMPOSITION AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	Tsun-Yung KUO; Charles CHEN; Chung-Chin WU; Yi-Jiun LIN; Meei-Yun Lin; Yu-Chi WU; John CAMPBELL; Robert JANSSEN; David NOVACK;	
811	20230235308	2021-06-18	METHODS, COMPOSITIONS, AND PROPHYLACTICS FOR TREATING, AMELIORATING, OR PREVENTING CORONAVIRUS DISEASE (COVID-19)	Matthew Pincus; Steven Evans; Fred Friedman;	
812	20230160895	2021-06-18	SARS CORONAVIRUS 2 DIAGNOSTIC KIT INCLUDING RECEPTOR AND ANTIBODY BINDING TO SARS CORONAVIRUS 2 SPIKE PROTEIN	Hong KIM; Jonghwan LEE; Bum KIM;	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY;
813	20230226149	2021-06-17	MODIFIED CAVEOLIN-1 PEPTIDES FOR THE TREATMENT OF PATHOGEN-INDUCED LUNG INJURY	BreAnne MACKENZIE; Cory HOGABOAM; Brian WINDSOR;	
814	20230227546	2021-06-17	TYPE 2 CYTOKINES AS PREDICTORS OF DISEASE SEVERITY AND/OR AS THERAPEUTIC TARGETS FOR COVID-19	William Petri, JR; Alexandra Donlan; Mary Young; Mayuresh Abhyankar; Barbara Mann;	
815	20210395744	2021-06-17	COMPOSITIONS AND METHODS FOR TREATING COVID-19	Norman Lai; Yuebin Tan; Ying Wang;	
816	20210396703	2021-06-17	Rapid Electrochemical Point-of-Care COVID-19 Detection in Human Saliva	Sheyda NAZARIAN; Nadia FARSAEIVAHID; Christian GRENIER; Yunqing DU; Ming WANG;	
817	20210386695	2021-06-16	Use Of Disulfiram For Treating Infection Of SARS-COV-2	Chang-Hai Tsai; Mien-chie Hung; Yeh Chen; Wen-Hao Yang; Chia-shin Yang; Yu-Lin Hung; Yu-Chuan Wang; Yi-Zhen Chou; Mei-Hui Hou; Chia-Ling Tsai; Bao-Yue Huang; Chian-Fang Hung; Hsiao-Fan Chen; Wen-Chi Su; Wei-Jan Wang;	China Medical University;
818	20230227539	2021-06-16	METHODS AND COMPOSITIONS RELATED TO NEUTRALIZING ANTIBODIES AGAINST HUMAN CORONAVIRUS	Liang Schweizer; Bingqing Shen; Mingjie Chen; Yun-Yueh Lu; He Zhou; Francisco Adrian; Qian Zhang;	
819	20230272421	2021-06-15	MEASLES VIRUS VACCINE EXPRESSING SARS-COV-2 PROTEIN(S)	William DUPREX; Natasha TILSTON-LUNEL; Shamkumar NAMBULLI; Linda MURPHY;	
820	20230235007	2021-06-15	HUMANIZED ACE2-FC FUSION PROTEIN FOR TREATMENT AND PREVENTION OF SARS-COV-2 INFECTION	Pan-Chyr YANG; Sui-Yuan CHANG; Kuo-Yen HUANG;	

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#	Pub. No	Filed	Title	Inventors	Assignees
821	20230332177	2021-06-15	CORONAVIRUS PSEUDOVIRUS PACKAGING SYSTEM, PACKAGING METHOD THEREFOR, AND APPLICATION OF CORONAVIRUS PSEUDOVIRUS IN EVALUATING DISINFECTION EFFICACY	Frank QIN; Zhiming WEI; Limei LONG; Renxiang YANG; Fan LI;	FANTASIA BIOPHARMA (ZHEJIANG) CO. LTD;
822	20230146939	2021-06-15	TREATMENT FOR HUMAN CORONAVIRUS INFECTION	Gregory Bix;	
823	20220119897	2021-06-15	METHODS TO QUANTIFY VIRUS FROM WASTEWATER	Hyatt GREEN; Frank MIDDLETON;	The Research Foundation for the State University of New York;
824	20210388455	2021-06-14	Kobophenol A for the treatment of Corona Virus 2 (SARS-CoV-2) infection	Suresh Gangadevi; Yin Na; Wang Ke; Vishnu Badavath;	
825	20230226072	2021-06-14	METHYLENE BLUE AND RIBOFLAVIN FOR PROPHYLACTIC AND THERAPEUTIC ANTI-VIRAL THERAPY	Erich CERNY; Caroline TAPPAREL VU; Thomas CERNY; Andreas CERNY;	
826	20230221320	2021-06-11	SEROLOGICAL ASSAYS FOR SARS-COV-2	Deepta Bhattacharya; Ryan Sprissler; Janko Nikolich-Zugich; Matthew Kaplan; Tyler Ripperger; Jennifer Uhrlaub; Makiko Watanabe; Rachel Wong;	
827	20230212699	2021-06-11	METHODS TO DETECT AND TREAT SARS-COV-2 (COVID19) INFECTION	Micah MCCLAIN; Chris WOODS; Geoffrey GINSBURG; Ephraim TSALIK; Ricardo GIRALDO; Thomas BURKE; Florica CONSTANTINE; Elizabeth PETZOLD;	
828	20240052436	2021-06-11	CRISPR-BASED SARS-COV-2 DETECTION	Xiang Li; Mary Wilson; Christine Coticchia; Brendan Manning; William Blake; Elizabeth Selleck Fiore;	
829	20230338510	2021-06-11	NOVEL CORONAVIRUS TANDEM EPITOPE POLYPEPTIDE VACCINE AND USE THEREOF	Likun GONG; Jin REN; Qiuping QIN; Weiliang ZHU; Yiru LONG; Zhijian XU; Jianhua SUN; Tingting LIU; Guangyi JIN; Jianping ZUO; Wei HUANG;	
830	20230226027	2021-06-11	THIENOPYRIDINE DERIVATIVES FOR USE IN THE TREATMENT OF CORONAVIRUS INFECTION	Frank LEZOUALC'H; Romain VOLMER; Charlotte FORET-LUCAS; Thomas FIGUEROA;	
831	20230227508	2021-06-11	SPLIT INTEIN-BASED SELECTION FOR PEPTIDE BINDERS	Christopher Voigt; Andrew King; Emerson Glassey;	Massachusetts Institute of Technology;
832	20210390508	2021-06-11	System For Controlling The Spread Of Infectious Diseases	Bipin KOLLURI;	
833	20230248819	2021-06-10	NUCLEIC ACID LIPID PARTICLE VACCINE	Yoshihiro KAWAOKA; Masaki IMAI; Seiya YAMAYOSHI; Ken ISHII; Kouji KOBIYAMA; Eiko NAMBA; Tatsuya OKA; Miyuki TOZUKA; Nao JONAI; Yoshikuni ONODERA; Fumihiko TAKESHITA; Takashi SUZUKI; Takako NIWA; Makoto KOIZUMI; Kensuke NAKAMURA;	
834	20230233670	2021-06-10	A Recombinant Modified Vaccinia Virus (MVA) Vaccine Against Coronavirus Disease	Jürgen Hausmann; Robin Steigerwald; Matthias Habjan; José Medina Echeverz; Stephan Rambichler;	Bavarian Nordic A/S;
835	20230212267	2021-06-09	DNA ANTIBODY CONSTRUCTS FOR USE AGAINST SARS-COV-2	David Weiner; Elizabeth Parzych; Kar Muthumani;	
836	20220288094	2021-06-09	COMPOSITIONS AND METHODS FOR IMMUNE MODULATION OF PATHOLOGIC INFLAMMATION	Tanya Kuritz; John Biggerstaff;	
837	20230358758	2021-06-08	Assay for the detection of the Cys-like protease (Mpro) of SARS-CoV-2	Hugh REYBURN; María Del Mar VALÉS GÓMEZ; José RODRÍGUEZ FRADE; José María CASASNOVAS SUELVES;	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC);
838	20230341392	2021-06-08	DETECTION OF ANTIBODIES TO SARS-COV2	Jesse Buch; Joshua Boucher; Jiayou Liu; Trevor Morin; Eugene Krah, III;	
839	20230286934	2021-06-08	Use of Multi-Kinase Inhibitors to Treat RNA Virus Infections	Premkumar Reddy; Adolfo Garcia-Sastre; Ramana MV. Reddy; Kris White;	
840	20230248734	2021-06-08	ANTIVIRAL COMPOSITION OBTAINED THROUGH DRUG REPOSITIONING	Soo HAN; Jin SHIN; Mee KIM; Eunhye JUNG; Ye JANG; Hyuk LEE; Myoungkyu LEE; Dongsu KIM; Chang YUN; Young JUNG;	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY;

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841	20210380518	2021-06-08	COMPOUNDS AND METHODS OF USING COMPOUNDS FOR TREATMENT OF RESPIRATORY DISEASES	Kambiz Shekdar;	Other;
842	20210378277	2021-06-07	COMPOSITION AND METHOD TO PREVENT PATHOGEN TRANSMISSION THROUGH ALTERING SALIVA	Michael Kinzel; Kareem Ahmed; Jonathan Reyes; Douglas Fontes; Michelle Otero;	
843	20230235355	2021-06-05	MONO- AND MULTI-VALENT SARS-COV- 2 ADENOVIRAL VECTOR VACCINES AND SARS-COV-2 IMMUNE GLOBULIN AND METHODS OF USE	Tony REID; Bryan ORONSKY;	EpicentRx, Inc.;
844	20230210980	2021-06-04	CHIMERIC ADENOVIRAL VECTORS	Sean Tucker; Emery Dora;	
845	20210378643	2021-06-03	BREAKABLE SAMPLE COLLECTION SWAB	Todd Roswech; Jonathan Rothberg; Spencer Glantz; Benjamin Rosenbluth;	Detect, Inc.;
846	20230242624	2021-06-02	HUMAN ANTIBODIES AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS-2 (SARS-CoV-2)	Stefan MOESE; Nike KRÄUTLER; Cédric CORTIJO; Jan GRIMM; Benoit COMBALUZIER; Roger NITSCH; Christoph HOCK;	
847	20210373019	2021-06-02	SYSTEMS AND PROCESSES TO SCREEN FOR SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2) OF 2019 (COVID-19)	Melicia Gainey; Dalia Natour;	
848	20210380640	2021-06-01	SARS-CoV-2 EPIOTOPE-TARGETED PEPTIDE IMMUNOSTIMULANTS	James Heath; Matthew Idso;	
849	20230302031	2021-06-01	Modulators Of Purinergic Receptors and Related Immune Checkpoint For Treating Acute Respiratory Distress Syndrome	Jean-Luc PERFETTINI; Deborah LECUYER; Desiree TANNOUS; Awatef ALLOUCH; Oliver DELELIS; Frederic SUBRA;	Institut Gustave-Roussy;
850	20230218663	2021-05-31	COMPOSITIONS AND METHODS FOR TREATING A SARS-COV-2 INFECTION	Hongzhe SUN; Kwok-Yung YUEN; Shuofeng YUAN; Runming WANG; Hongyan LI; Fuk-Woo CHAN; Tianfan CHENG; Suyu WANG;	
851	20230241202	2021-05-28	Adenovirus-Based SARS-CoV-2 Vaccine	Andrea Gambotto; Louis Falo, Jr; Eun Kim;	
852	20230021431	2021-05-28	OLIGONUCLEOTIDES FOR SARS-CoV-2 MODULATION	Anastasia Khvorova; Jonathan Watts; Zachary Kennedy; Annabelle Biscans; Bruno Miguel da Cruz Godinho; Chantal Ferguson; Dimas Echeverria Moreno; Ken Yamada; Daniel O'Reilly; Kathryn Monopoli; Vignesh Hariharan; Qi Tang; Sarah Davis; Samuel Hildebrand; Socheata Ly; Minwook Shin; Pranathi Krishnamurthy; Nicholas McHugh; Jacquelyn Sousa; Jillian Caiazzzi; Yann Thillier; Gitali Devi;	
853	20230248680	2021-05-28	USE OF RIGOSERTIB TO TREAT RNA VIRUS INFECTIONS	Premkumar Reddy; Kris White; MV. Reddy; Adolfo Garcia-Sastre;	
854	20230242594	2021-05-28	ENGINEERED CORONAVIRUS SPIKE (S) PROTEIN AND METHODS OF USE THEREOF	Jason MCLELLAN; Jennifer MAYNARD; Andrea CHASSE; Ilya FINKELSTEIN; Mohammad JAVANMARDI; Jeffrey SCHAUB; Hung-Che KUO; Chia-Wei CHOU; Jory GOLDSMITH; Christy HJORTH; Ching-Lin HSIEH; Patrick BYRNE; Nicole JOHNSON; Nianshuang WANG; Daniel WRAPP;	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM; THE TRUSTEES OF DARTMOUTH COLLEGE;
855	20230218745	2021-05-28	MODIFIED ALPHAVIRUS FOR USE AS COVID-19 VACCINE	Daniel MERUELO; Silvana OPP; Antonella SCAGLIONE; Christine PAMPENO; Alicia MARTINEZ; Ziyan LIN;	
856	20230201340	2021-05-28	ADJUVANTS FOR SEVERE ACUTE RESPIRATORY SYNDROME-RELATED CORONAVIRUS (SARS-COV) VACCINES	David Dowling; Ofer Levy; Francesco Borriello; Etsuro Nanishi; Timothy O'Meara; Yoshine Saito; Simon van Haren;	Children's Medical Center Corporation;
857	20230190883	2021-05-28	STABLE PEPTIDES HAVING RENALASE AGONIST ACTIVITY	Gary Desir; Arthur Felix; Wallace Dairman; Anthony Barrett; Barry Berkowitz;	
858	20230235414	2021-05-27	ISCAN: AN RT-LAMP-COUPLED CRISPR-CAS MODULE FOR RAPID, SENSITIVE DETECTION OF SARS-COV-2	Magdy Mahfouz; Ahmed Mahas;	
859	20210292205	2021-05-27	SYSTEM AND METHOD FOR TREATING MEDICAL SEWAGE CONTAINING SARS-CoV-2 BASED ON NANO GRAPHENE	Jinsheng CHENG; Weihong WAN; Jianying ZHI;	
860	20230255969	2021-05-27	TARGETING IMMUNE PATHOLOGIES INDUCED BY HIGHLY PATHOGENIC CORONAVIRUSES	Ashley St John;	National University of Singapore;

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861	20230248684	2021-05-27	COMPOSITIONS AND METHODS FOR TREATING ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) AND INFLAMMATORY DISORDERS CAUSED BY CORONAVIRUSES AND OTHER RESPIRATORY PATHOGENS OR AGENTS THAT MEDIATE PULMONARY INJURY, INFLAMMATION OR ACUTE RESPIRATORY DISTRESS, AND RELATED COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING HUMAN SARS CORONAVIRUS INFECTION, COVID-19 DISEASE AND RELATED SYMPTOMS	Richard CHANG; Ben CHANG;	
862	20230236197	2021-05-26	METHOD OF DIAGNOSIS OF INFECTION BY THE SARS-COV-2 VIRUS	Thierry POYNARD; Patrice CACOUB; Olivier DECKMYN;	
863	20230212231	2021-05-26	SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2) POLYPEPTIDES AND USES THEREOF FOR VACCINE PURPOSES	Yves LEVY; Gérard ZURAWSKI; Sandra ZURAWSKI; Christine LACABARATZ; Sylvain CARDINAUD; Mathieu SURENAUD;	Institut National de la Santé et de la Recherche Médicale (INSERM); Baylor Research Institute; Assistance Publique - Hopitaux de Paris (APHP); Université Paris Est Creteil Val de Marne;
864	20240016901	2021-05-26	COMPOSITIONS AND METHODS FOR PREVENTING AND TREATING SARS-COV-2 INFECTION	Jonathan Sexton;	
865	20210371905	2021-05-26	SURVEILLANCE METHOD TO SCREEN ASYMPTOMATIC ESSENTIAL WORKERS FOR EXHALATION OF SARS-COV-2	Frederick Haselton;	
866	20230218744	2021-05-26	HYPERIMMUNE IGG AND/OR IGM COMPOSITIONS AND METHOD FOR PREPARING THEREOF AND METHOD FOR OBTAINING HYPERIMMUNE HUMAN PLASMA FROM A DONOR	Peter VANDEBERG; Andrea WELLHOUSE; Marta JOSE; Marilyn ROSA-BRAY; Charles AUGER; Rodrigo GAJARDO RODRÍGUEZ; Myles LINDSAY; Natalia ORLOVA; Erin ROMES;	
867	20230220498	2021-05-26	Compositions and Methods for Detecting Respiratory Viruses Including Coronaviruses	Erle Robertson;	
868	20230081039	2021-05-26	PHARMACEUTICAL COMPOSITION COMPRISING POLYNUCLEOTIDES AND USE THEREOF FOR PREVENTION OR TREATMENT OF COVID-19	Yi ZHANG; Yuan LIU; Nan ZHANG;	
869	20210387187	2021-05-26	FLOW DEVICE	Matthew Gibson; Sarah-Jane RICHARDS; Alexander BAKER;	
870	20230346793	2021-05-25	Compositions and Methods for Treating SARS-CoV-2	Mickey Hu; Bo Yu;	
871	20230250134	2021-05-25	SARS-COV-2 inhibitors	Longxing CAO; Brian COVENTRY; Inna GORESHNIK; Lauren MILLER; David BAKER; Lisa KOZODOY; John BOWEN; Lauren CARTER; James CASE; Michael DIAMOND; Natasha EDMAN; Andrew HUNT; Michael JEWETT; Cassandra OGOHARA; Young-jun PARK; Rashmi RAVICHANDRAN; Lance STEWART; David VEESLER; Bastian VOGELI; Alexandra WALLS; Kejia WU; Scott BOYKEN; George UEDA;	
872	20220396795	2021-05-25	FUNCTIONAL LIGANDS TO SARS-COV-2 SPIKE PROTEIN	GEORGE JACKSON; GARAM LEE; JASMINE KUAR; ALEXANDER CHIU; RAFAL DRABEK;	
873	20210368901	2021-05-25	ANTIMICROBIAL WEARABLE ARTICLE	Steven Brown; Leonard Buttermann;	
874	20210371533	2021-05-25	METHODS OF TREATING INFLAMMATORY DISEASES BY BLOCKING GALECTIN-3	Dongxu Sun; Catherine Gordon; Ksenya Shchors; Yan Wang; Tsung-Huang Tsai; Yew Leong;	
875	20220040293	2021-05-24	HCoV VACCINE FOR IMPROVING IMMUNITY AGAINST SARS-COV-2 INFECTION	Timothy Moore; Cullen Moore;	
876	20210346493	2021-05-24	SARS-COV-2 Antigen Polypeptide, Recombinant Adeno-Associated Virus Expressing the Polypeptide, and Vaccine Containing the Virus	Zexin Zhou; Zhongqiu Liu; Guochao Liao; Huapeng Li; Chao Zhang; Xiaoxiao Qi; Junlin Chen; Deying Yang;	
877	20230233473	2021-05-24	SYNERGISTIC ANTI-VIRAL PHARMACEUTICAL COMPOSITION CONTAINING TARGETING NANOPARTICLES	Chung SUN; Dean LIU;	Nuecology Biomedical Inc.;
878	20230201187	2021-05-22	USE OF NAD+ PRECURSORS, STING INHIBITORS, AND FXR AGONISTS FOR INHIBITING SARS-COV-2 (COVID-19)-INDUCED CYTOKINE RELEASE	Moshe Levi;	Georgetown University;
879	20230341391	2021-05-21	SARS-COV-2 (COVID-19) ANTIBODY TEST ON SALIVA AND BLOOD USING EFIRM TECHNOLOGY	David Wong; Charles Strom;	
880	20230277524	2021-05-21	COMBINATION THERAPY FOR TREATMENT OF VIRAL INFECTIONS	Jan JENSEN; Div TRIVEDI;	

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#	Pub. No	Filed	Title	Inventors	Assignees
881	20230201319	2021-05-21	ADAMTS13 COMPOSITIONS AND METHODS FOR TREATING AND DIAGNOSING COMPLICATIONS OF CORONAVIRUS DISEASE	Peter TURECEK; Bjorn MELLGARD; Bruce EWENSTEIN; Nisha JAIN; Wolfhard ERDLENBRUCH;	TAKEDA PHARMACEUTICAL COMPANY LIMITED;
882	20230203491	2021-05-21	DOUBLE-STRANDED OLIGONUCLEOTIDE AND COMPOSITION FOR TREATING COVID-19 CONTAINING SAME	Han-Oh PARK; Jangseon KIM; Mi LEE; Soonja CHOI; Eun-Kwang LEE; Sang BYUN;	
883	20210363512	2021-05-21	ACE2 fusion proteins and uses thereof	Alwin Reiter; Carsten Brockmeyer; Florian Wolschin;	
884	20210364517	2021-05-21	METHODS AND SYSTEMS FOR EARLY DETECTION OF VIRAL DISEASES	Vyacheslav ROTKIN; Ming ZHENG; Tetyana IGNATOVA; Daniel HAYES; Suresh KUCHIPUDI;	The Penn State Research Foundation; The National Institute of Standards and Technology; University of North Carolina at Greensboro;
885	20240002476	2021-05-20	POTENT NEUTRALIZING ANTIBODIES AGAINST SARS-COV-2, GENERATION AND USES THEREOF	David HO; Yaoxing HUANG; Lihong LIU; Manoj NAIR; Pengfei WANG; Jian YU; Yang LUO;	
886	20230203134	2021-05-20	POTENT NEUTRALIZING ANTIBODIES AGAINST SARS-COV-2, GENERATION AND USES THEREOF	David HO; Yaoxing HUANG; Lihong LIU; Manoj NAIR; Pengfei WANG; Jian YU; Yang LUO;	
887	20230203138	2021-05-20	POTENT NEUTRALIZING ANTIBODIES AGAINST SARS-COV-2, GENERATION AND USES THEREOF	David HO; Lihong LIU; Pengfei WANG; Manoj NAIR; Jian YU; Yaoxing HUANG; Yang LUO;	
888	20230192821	2021-05-20	POLYPEPTIDES ENCODING ANTIBODIES BINDING TO SARS-COV-2 SPIKE PROTEIN	Jane Osbourn; Ralph Minter; Jacob Galson;	Alchemab Therapeutics Ltd; BARTS HEALTH NHS TRUST;
889	20210340622	2021-05-20	POLYNUCLEOTIDES FOR AMPLIFICATION AND DETECTION OF SARS-COV-2	Nadya Andini; Kathy Chiu; Xuewen Jiang; Hédia Maamar;	
890	20230183817	2021-05-20	CRISPR-BASED ASSAY FOR DETECTING PATHOGENS IN SAMPLES	Tony HU; Bo NING; Zhen HUANG;	
891	20230176048	2021-05-20	ASSAYS FOR THE DETECTION OF A BLOCKING ANALYTE	Jianfu WANG; Nan ZHANG; Shuo CHEN; Jin WU;	
892	20230251259	2021-05-19	METHOD FOR INACTIVATING SARS-COV-2 AND ITS USE FOR DETECTING ANTIBODIES	Alessandra BROGI; Veronica RICCI; Silvana VERDIANI;	DIESSE DIAGNOSTICA SENESE S.P.A.;
893	20210364516	2021-05-19	ULTRA-SENSITIVE, FAST, PLASMONIC-FLUOR ENHANCED ASSAY FOR SARS-COV-2 IMMUNE RESPONSE	Jeremiah Morrissey; Srikanth Singamaneni; Zheyu Wang;	
894	20240059758	2021-05-19	THERAPEUTIC ANTIBODIES WITH NEUTRALIZING ACTIVITY AGAINST SARS-COV-2 GLYCOPROTEIN S	André Frenzel; Philipp Kuhn; Jonas Kügler; Michael Hust; Stefan Dübel; Doris Meier; Federico Bertoglio; Maren Schubert; Stephan Steinke; Marlies Becker; Viola Fühner; Maximilian Ruschig; Philip Heine; Kai-Thomas Schneider; Rico Ballmann; Susanne Zock-Emmenthal; Kristian Daniel Ralph Roth; Nora Langreder;	
895	20230192879	2021-05-19	METHODS FOR THE DIAGNOSIS AND TREATMENT OF CYTOKINE RELEASE SYNDROME	RAPHAËL RODRIGUEZ; SEBASTIAN MULLER; STÉPHANIE SOLIER; SARAH WATSON;	
896	20230181539	2021-05-19	METHODS FOR THE TREATMENT OF CORONAVIRUS INFECTIONS	Pierre-Olivier VIDALAIN; Antoine NOUGAIREDE; Franck TOURET; Patrice ANDRE; Vincent LOTTEAU; Xavier LAMBALLERIE; Yves JANIN;	
897	20230183323	2021-05-19	METHODS FOR PREVENTING, REVERSING OR TREATING A COVID-19 INFECTION	Jack ELIAS; Chun LEE; Bing MA; Suchitra KAMLE; Changmin LEE;	
898	20210366607	2021-05-19	HEALTH SCREENING KIOSK	Bipin KOLLURI;	
899	20230194529	2021-05-18	Rapid Assay Methods and Kits for Detecting Neutralizing Antibody for Sars-Cov-2 Using Lateral Flow Assay and Enzyme-linked Immunosorbent Assay	Keun SEO; Nogi PARK; Joo PARK;	MISSISSIPPI STATE UNIVERSITY;
900	20230341390	2021-05-18	AEROSOL BIOSENSORS AND RELATED ASPECTS FOR PATHOGEN DETECTION	Chao WANG; Hongpeng JIA; Mukund Madhav Madhav GOYAL;	THE JOHNS HOPKINS UNIVERSITY;

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#	Pub. No	Filed	Title	Inventors	Assignees
901	20230181556	2021-05-18	USE OF PSYCHOTROPIC DRUGS FOR THE TREATMENT OF CORONAVIRUS INFECTIONS	Bruno VILLOUTREIX; Philippe BEAUNE; Marion LEBOYER; Ryad TAMOUZA; Rajagopal KRISHNAMOORTHY; Vincent CALVEZ; Anne-Geneviève MARCELIN;	
902	20230173096	2021-05-18	TARGETED ANTIVIRAL DRUGS	C Thaxton; Kaylin McMahon; Stephen Henrich;	
903	20230174591	2021-05-18	Use of Human Resistin as a Trimerization Partner for Expression of Trimeric Proteins	Yves DUROCHER;	National Research Council of Canada;
904	20230242588	2021-05-17	METHODS AND COMPOSITIONS FOR TREATING SARS-COV-2 INFECTION USING PEPTIDE NUCLEIC ACID-BASED AGENTS	Arthur Ross; Lindsay Rosenwald;	
905	20220050101	2021-05-17	DEVICE AND METHOD FOR MEASUREMENT OF SARS-CoV-2 SPECIFIC ANTIGEN IN A BIOLOGICAL SAMPLE	NAVAKANTA BHAT; VINAY KUMAR;	PATHSHODH HEALTHCARE PVT. LTD.;
906	20210355196	2021-05-17	SARS-COV-2 ANTIBODIES AND METHODS OF SELECTING AND USING THE SAME	Mark ESSER; James STEINHARDT; Patrick MCTAMNEY, II; Yueh-Ming LOO; Reena VARKEY; Qun DU; Saravanan RAJAN;	AstraZeneca UK Limited;
907	20230082940	2021-05-17	DEVICES AND METHODS FOR DETECTION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2	Raghavendra VV. SAI; Himanshu BHATIA; Divagar MURUGAN;	
908	20230190916	2021-05-14	COMPOSITIONS AND METHODS FOR DETECTING AND TREATING A SARS-COV-2 INFECTION	Periasamy SELVARAJ; Christopher PACK; Sampath RAMACHANDIRAN; JC. REDDY; Luis MUNOZ; Ramireddy BOMMIREDDY;	
909	20230218557	2021-05-14	A FATTY ACID BASED COMPOSITION FOR TREATMENT AND/OR PREVENTION OF ENVELOPED-VIRUS RELATED INFECTIONS	ANUPAM DOKENIYA; KUMARIL BHARGAVA; DINO ROTONDO; LALIT AMBASTHA;	
910	20230192786	2021-05-14	STAT3 INHIBITION FOR TREATMENT AND PREVENTION OF HUMAN CORONAVIRUS INFECTION	RICHARD GABRIEL; HECTOR GOMEZ;	
911	20230181481	2021-05-14	RNA FORMULATIONS FOR HIGH VOLUME DISTRIBUTION, AND METHODS OF USING THE SAME FOR TREATING COVID-19	Philip White; Jack Kramarczyk; Julia O'Neill; Nedim Altaras;	ModernaTX, Inc.;
912	20230183703	2021-05-14	COMPOSITIONS AND METHODS FOR TREATING AND DETECTING CORONAVIRUS INFECTION	Hemayet ULLAH;	HOWARD UNIVERSITY;
913	20210355552	2021-05-13	PAPER-BASED COLORIMETRIC COVID-19/SARS-COV-2 TEST	Bradley BUNDY; J HUNT;	
914	20230220012	2021-05-13	HIGH-POTENCY SARS CORONAVIRUS 2 ANTIGEN AND VACCINE COMPOSITION COMPRISING SAME	Seong KIM; Chonsaeng KIM; Kyun KIM; Dae AHN; Young KWON; Keunbon KU; Hae KIM; Hye SHIN; Gun YOON; In HWANG; Gi JEONG; Sun LEE; Mi KIM; Su LEE; Bum KIM;	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY;
915	20230181720	2021-05-13	SAFE POTENT SINGLE VECTOR PLATFORM VACCINE AGAINST COVID-19	Marcus Horwitz; Qingmei Jia;	The Regents of th University of California;
916	20220008572	2021-05-13	Frequency Selective Viral Inactivation through Bond Breaking	James Graham, JR; Ghobad Heidari-Bateni; Stanton Braden; Craig Gregersen;	
917	20220373546	2021-05-12	METHODS AND REAGENTS OF IMMUNOLOGICALLY DETECTING SARS-CoV-2	Masayasu IMAIZUMI; Kentaro YAMAKAWA; Tomonori NISHII; Naoyuki TANAKA; Azusa IIZUKA; Akira FUJIMOTO; Nobuyuki ISE; Kazuyoshi MIYAMOTO; Shintaro YAGI; Katsumi AOYAGI;	FUJIREBIO INC.;
918	20210355170	2021-05-12	Stabilizing Mutants of Prefusion Sars-Cov-2 (Covid-19) Spike Protein And Improved Yeast Surface Display Engineering Platform For The Same	Timothy Whitehead; Monica Kirby; Zachary Baumer; Matthew Bedewitz; Brian Petersen; Paul Steiner;	
919	20230174575	2021-05-11	A NEW PROCESS OF PURIFICATION OF PROTEINS FROM HEN EGG WHITE AND THE USE OF THE SAME AS ANTIVIRAL AGENT AGAINST SARS-COV-2	Valerio Ferrari; Maria Baggio; Paride Grisenti;	BIOSEUTICA B.V.;
920	20230174667	2021-05-11	INHIBITION OF SARS-COV-2 INFECTION THROUGH SYNDECANS	Anett HUDÁK; Tamás LETOHA;	

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#	Pub. No	Filed	Title	Inventors	Assignees
921	20230176057	2021-05-11	DETECTION ASSAY FOR SARS-COV-2 VIRUS	James Wells; Susanna Elledge; Xin Zhou; Tanja Kortemme; Jeff Glasgow; Anum Glasgow; Irene Lui;	
922	20210346492	2021-05-11	SARS-CoV-2 Vaccines	Jason DEHART; Christian MAINE; Brett MARRO; Johannes Petrus Maria LANGEDIJK; Lucy RUTTEN; Mark Johannes Gerardus BAKKERS; Ronald VOGELS; Marijn VAN DER NEUT KOLFSCHOTEN; Aneesh VIJAYAN;	
923	20230296621	2021-05-11	DETECTION ASSAY FOR ANTI-SARS-COV-2 ANTIBODIES	James Wells; Susanna Elledge; Xin Zhou;	
924	20230257726	2021-05-11	ACE2 COMPOSITIONS AND METHODS	Anum Glasgow; Jeff Glasgow; James Wells; Xin Zhou; Tanja Kortemme; Irene Lui;	
925	20230210902	2021-05-11	SARS-COV-2-SPECIFIC T CELLS	Katy REZVANI; Elizabeth SHPALL; Rafet BASAR; David MARIN COSTA; Nadima UPRETY; Emily ENSLEY;	
926	20230181485	2021-05-11	Uses and Formulations of Cannabinoids	Reinhard Nowak; Mirko Nowak; Jesko Nowak; Norbert Pöllinger;	ADD Advanced Drug Delivery Technologies Ltd.;
927	20230183616	2021-05-11	NON-WOVEN FABRIC CONTAINING A DISINFECTING AGENT AND METHOD FOR PRODUCING THE SAME	Thomas Tischer; Jörg Kühn; Nicolas Déry;	Glatfelter Gernsbach GmbH;
928	20240189416	2021-05-11	STABILIZED CORONAVIRUS SPIKE PROTEIN FUSION PROTEINS	Jaroslav JURASZEK; Johannes Petrus Maria LANGEDIJK; Lucy RUTTEN;	
929	20230226056	2021-05-10	COMPATIBLE SOLUTES FOR PREVENTING OR TREATING SARS-COV-2 INFECTIONS	Thomas SCHWARZ; Eva GALIK; Dieter OESTERHELT;	bitop AG;
930	20230210909	2021-05-10	PLACENTA-DERIVED ADHERENT (PDA) STEM CELL FOR THE TREATMENT OF ADULTS WITH SARS-COV-2 RELATED ACUTE RESPIRATORY FAILURE AND ARDS (COVID-19)	Robert HARIRI; Xiaokui ZHANG; Shuyang HE; Kathy KARASIEWICZ-MENDEZ; Qian YE; Tanel MAHLAKOIV; Stacy HERB; Corey CASPER;	Celularity Inc.;
931	20230241037	2021-05-10	CROSS-LINKED MEDICATION FOR TREATMENT OF CORONAVIRAL INFECTION AND METHOD OF TREATMENT	Chiang LI;	
932	20230220499	2021-05-07	METHODS AND COMPOSITIONS FOR DETECTING SARS-COV-2 NUCLEIC ACID	Kui GAO; Anthony JAMES; Vanessa BRES;	
933	20210349105	2021-05-07	SARS-COV-2 IMMUNOASSAY AND MATERIALS THEREFOR	ROGER WALKER; HEIDI SCHOLZ;	
934	20210349106	2021-05-07	METHOD FOR DIAGNOSING SARS-COV-2 INFECTION	Tengchuan Jin; Huan Ma; Weihong Zeng;	
935	20230255982	2021-05-07	METHODS OF TREATING COVID-19 USING BARDOXOLONE METHYL OR ANALOGS THEREOF	Deborah FERGUSON; W WIGLEY; Colin MEYER; J HUFF; Robert KRAL, Jr;	REATA PHARMACEUTICALS HOLDINGS, LLC;
936	20230181537	2021-05-07	Translation Blockers Repurposed for COVID-19 Therapy	Jack Rogers; Catherine Cahill;	
937	20230172915	2021-05-07	DHODH INHIBITOR FOR THE TREATMENT OF COVID-19	Nikolai NARYSHKIN; Jason GRACI; John BAIRD; Joseph COLACINO; Marla WEETALL; Liangxian CAO;	PTC THERAPEUTICS, INC.;
938	20210345615	2021-05-07	FORTIFIED SANITIZING COMPOSITION HAVING ANTIMICROBIAL CHARACTERISTICS	Vijay Bedi; Vivek Bedi; Matthew Roberts;	
939	20210346422	2021-05-07	SYSTEMS AND METHODS FOR USE OF ADENOSINE TRIPHOSPHATE (ATP) TO RELIEVE SYMPTOMS OF COVID-19 AND RELATED INFECTIONS	Edward Abraham;	
940	20240123053	2021-05-07	CORONAVIRUS VACCINE THROUGH NASAL IMMUNIZATION	Krishna ELLA; Krishna VADREVU; Raches ELLA; Raju SUNAGAR;	BHARAT BIOTECH INTERNATIONAL LIMITED;

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941	20230357364	2021-05-06	COVID-19 ANTIBODIES AND USES THEREOF	Devin Sok; Joseph Jardine; Elise Landais; Dennis Burton; Tom Rogers; Fangzhu Zhao; Deli Huang;	
942	20210347859	2021-05-06	Reduction of viral disease transmission by avian antibodies	Scott Simplot; Bradley Mitteness; Michelle Hawkins; Jason Hull; Brian Robley; Philip Larson; Michael Brielmaier; Benjamin Willaert; Vergene Harkins;	
943	20210350877	2021-05-06	PATHOGEN TESTING	Rachel Spurbeck; Christopher Johnson; Jacob Lilly; Jared Schuetter; Patrick Wilson;	
944	20230406907	2021-05-05	Neutralizing Antibodies that Bind the SARS-COV-2 S Protein	Heyue Zhou; Xia Cao; Lucy Lu; Ying Yan; Yanliang Zhang; Henry Ji; Robert Allen;	Sorrento Therapeutics, Inc.;
945	20230302116	2021-05-05	VARIANT SARS-CoV-2 PROTEINS AND USES THEREOF	Ariel HECHT; Seth Ritter; Emily Wrenbeck;	
946	20230203490	2021-05-05	UTILIZING RNA INTERFERENCE AGAINST SARS-COV-2	Yaniv ERLICH;	
947	20230348585	2021-05-05	METHODS FOR TREATING OR REDUCING THE SEVERITY OF A VIRAL INFECTION	Paul THOMAS; Jeremy CRAWFORD; Emma SLIGER; Aisha SOUQUETTE; Ali ELLEBEDY; Philip MUDD;	
948	20230167511	2021-05-05	AN ULTRASENSITIVE RAPID AND PORTABLE CASE13D-BASED DIAGNOSTIC ASSAY	Omar Akbari;	
949	20210346324	2021-05-05	Niclosamide Formulations and Methods of Use	Akash BAKSHI; Nadja MANNOWETZ; Andrew BARTYNSKI;	
950	20230348572	2021-05-04	SINGLE DOMAIN ANTIBODIES BINDING TO SARS-COV-2 SPIKE PROTEIN	Jiandong HUO; Raymond OWENS; James NAISMITH; David STUART;	
951	20230175081	2021-05-04	MEANS AND METHODS FOR DETECTING NOVEL CORONAVIRUS (SARS-COV-2)	Pavol CEKAN; Monika RADVÁNSZKA; Roman HAJDU; Evan PAUL;	MULTIPLEXDX, S.R.O.;
952	20230172906	2021-05-04	METHOD TO TREAT VIRAL INFECTION INDUCED BY A CORONAVIRUS	Ralf JOCKERS; Erika CECON; Julie DAM;	
953	20230168249	2021-05-04	RECOMBINANT ANTIBODIES, KITS COMPRISING THE SAME, AND USES THEREOF	An-Suei YANG; Chao-Ping TUNG; Chung-Ming YU; Chi-Yung CHEN; Yu-Chuan HUANG; Pei-Hsun TSAI; Szu-Yu LIN; Hung-Ju HSU; Hung-Pin PENG; Fei-Hung HUNG;	Academia Sinica;
954	20210346500	2021-05-03	PHOTOOXIDATIVE INACTIVATION OF PATHOGENS INCLUDING SARS-CoV-2	Detlef Schikora;	
955	20230190878	2021-05-03	BETA THYMOSIN PEPTIDES FOR TREATING VIRAL INFECTIONS	Allan GOLDSTEIN; Gabriel SOSNE; Jack FINKELSTEIN, Jr;	REGENERX BIOPHARMACEUTICALS, INC.;
956	20230181681	2021-05-03	PEPTIDE FOR SUPPRESSING CORONAVIRUS AND USE THEREOF	Hyung KWON; Byoung PARK; Dong KIM; Jin KIM;	
957	20220363746	2021-05-03	METHODS FOR TREATING CORONAVIRUS INFECTION AND RESULTING INFLAMMATION-INDUCED LUNG INJURY	Cameron DURRANT; Dale CHAPPELL;	HUMANIGEN, INC.;
958	20230250495	2021-05-01	CAS9-BASED DIAGNOSTIC ASSAY AND METHODS OF USING	Mark Osborn; Gregory Newby;	
959	20230285540	2021-04-30	POLYNUCLEOTIDES ENCODING SARS-COV-2 ANTIGENS AND USE THEREOF IN THE MEDICAL FIELD AS VACCINES	Luigi AURISICCHIO; Emanuele MARRA; Giuseppe ROSCILLI; Fabio PALOMBO; Mariano MAFFEI; Alessia MUZI;	
960	20210338806	2021-04-30	METHODS OF GENERATING VACCINES AGAINST NOVEL CORONAVIRUS, NAMED SARS-COV-2 COMPRISING VARIABLE EPI TOPE LIBRARIES (VELs) AS IMMUNOGENS	Karen Manucharyan;	

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961	20210340189	2021-04-30	SARS-COV-2 N PROTEIN AND METHODS OF USE	Yuying Liang; Hinh Ly; Da Di;	
962	20230234986	2021-04-30	INHIBITORS OF CORONAVIRUS PROTEASE	Steve SLILATY;	
963	20230194432	2021-04-30	METHOD OF DETECTING THE PRESENCE OF A PATHOGEN IN A BIOLOGICAL LIQUID	Anthony François Michel Claude Dieudonné BOULANGER; Sandrine CASTELAIN; Sandrine Godeliève Agnès LEFRANC; Pierre Michel René GAUVAIN; Florent Jules Adrien PEREZ; Sanaa EL MESSAOUDI; Alexandre Antoine Benjamin Marie BANON; Delphine Stéphanie Jeannine Marie-Thérèse GARSUAULT; Tiffany GUEDET; Marion SCHMITT-BOULANGER;	GREENTROPISM;
964	20230174946	2021-04-30	ORGAN INFECTION MODELS	Barry Stripp; Apoorva Mulay; Bindu Konda; Arun Sharma; Clive Svendsen; Vaithilingaraja Arumugaswami; Dhruv Sareen; Hanan Shaharuddin; Victoria Wang; Roberta Santos;	CEDARS-SINAI MEDICAL CENTER; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA;
965	20230165890	2021-04-30	HELP APHERESIS FOR THE TREATMENT OF SERIOUSLY ILL COVID-19 PATIENTS	Dietrich SEIDEL; Beate JAEGER;	
966	20230167601	2021-04-30	ANTIMICROBIAL TEXTILES	Ted DEISENROTH; Carmen HENDRICKS-GUY; Glen CUNKLE;	
967	20210348167	2021-04-30	siNA MOLECULES, METHODS OF PRODUCTION AND USES THEREOF	PATRICIO VIEIRA ARAUJO SOARES DA SILVA;	
968	20210338690	2021-04-30	COMPOUNDS AND METHODS FOR PREVENTION AND TREATMENT OF CORONAVIRUS INFECTIONS	Jir-Mehng LO; Cheng HUANG; Yeh WU; Hui-Ju LIANG; Pei-Hsin LIN; Hao CHIANG; Wei-Chung CHIOU;	ARJIL BIOTECH HOLDING COMPANY LIMITED;
969	20230257425	2021-04-29	VACCINE COMPOSITION FOR PREVENTING OR TREATING INFECTION OF SARS-COV-2	Teawoo KWON; YoonJae LEE; Eun-som KIM; Seung-hye HONG; Ki-weon SEO; Sujeen LEE;	
970	20230174599	2021-04-29	HIGH AFFINITY VIRAL CAPTURE HUMAN DECOY BASED PROTEINS FOR DETECTION AND PROTECTION AGAINST SARS-CoV-2 AND ZOONOTIC THREATS	Michael TONEY; Daniel COX;	
971	20230149515	2021-04-29	INHIBITION OF SARS-COV-2 VIRAL ENTRY THROUGH ORAL ADMINISTRATION OF LACTOFERRIN AND USES THEREOF	Kevin Weatherwax; Carmen Mirabelli; Jonathan Sexton; Sean McCarty; Jesse Wotring;	
972	20230218556	2021-04-29	METHOD FOR TREATING RESPIRATORY VIRAL INFECTIONS COMPRISING ADMINISTRATION OF FATTY ACID COMPOSITIONS	Marco CHACON;	
973	20230172854	2021-04-29	A SOLID CO-AMORPHOUS DISPERSION OF VALSARTAN, A METHOD FOR SYNTHETIZING THE SAME AND A MEDICAL USE OF THE DISPERSION	Marika TUREK; Ewa ROZYGKA-SOKOLOWSKA; Piotr BALCZEWSKI; Marek KOPROWSKI; Krzysztof OWSIANIK; Malgorzata MAKOWSKA-JANUSIK;	
974	20220000904	2021-04-29	ANTIVIRAL AGENTS FOR TREATMENT OF CORONAVIRUSES	Donald ALCENDOR;	
975	20210338805	2021-04-29	DYSREGULATION OF TRAUMA REGULATION PATHWAY TREATMENT AND MONITORING TECHNIQUES	Christopher Puleo; Victoria Cotero; John Nelson;	
976	20210341480	2021-04-29	VIRAL TESTING IN SALIVA	Shi-Long Lu; Brian Harry; Jose Zevallos; Robert Blomquist; Xin Yao; Yue Qiu; Marsha Tharakan;	
977	20230172950	2021-04-28	Glucocorticoid Receptor (GR) Modulators for Treating a SARS-COV-2 Virus	Theresa Deisher; Scot McKay;	AVM Biotechnology, LLC;
978	20230174590	2021-04-28	SARS-COV-2 VIRAL PROTEINS AND USE THEREOF	Asmaa Hachim; Niloufar Kavian; Leo Lit Man Poon; Malik Peiris; Sophie Valkenburg;	
979	20230165856	2021-04-28	DAPAGLIFLOZIN AND AMBRISANTAN FOR THE PREVENTION AND TREATMENT OF COVID-19	Philip AMBERY; Peter GREASLEY; Sven MOOSMANG; Magnus ALTHAGE;	
980	20230165914	2021-04-28	THERAPEUTIC AND DIAGNOSTIC USE OF MICROORGANISMS FOR COVID-19	Siew NG; Ka Leung Francis CHAN; Tao ZUO; Yun YEOH;	

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981	20210332364	2021-04-28	siNA MOLECULES, METHODS OF PRODUCTION AND USES THEREOF	PATRICIO VIEIRA ARAUJO SOARES DA SILVA;	
982	20230310581	2021-04-27	A LIVE ATTENUATED MEASLES VIRUS VECTORED VACCINE FOR SARS-COV-2	Jianrong LI; Stefan NIEWIESK; Anzhong LI; Mijia LU;	
983	20230176036	2021-04-27	Detection of viruses in facemasks	Scott Simplot; Bradley Mitteness;	
984	20230126992	2021-04-27	Antibacterial Antiviral Pharmaceutical Composition and Application Thereof	Ruichao Lin; Xun Dong; Tao Cui; Jingkun Wang; Min Sun;	
985	20220339180	2021-04-27	Methods And Compositions For Treating Viral Diseases Using Combination Of Drugs	Tanmay MAJUMDAR; Bichitra Biswal; Prafullakumar Tailor;	
986	20210395344	2021-04-27	VARIANT NUCLEIC ACID LIBRARIES FOR CORONAVIRUS	Aaron SATO; Qiang LIU; Tom YUAN;	
987	20210355194	2021-04-27	VARIANT NUCLEIC ACID LIBRARIES FOR CORONAVIRUS	Aaron SATO; Qiang LIU; Tom YUAN;	
988	20210341478	2021-04-27	RECOMBINANT ANTIBODIES, KITS COMPRISING THE SAME, AND USES THEREOF	San-Tai SHEN; Shih-Hu HO; Ing-Chien CHEN;	AnTaimmu BioMed Co., Ltd.;
989	20210330753	2021-04-27	METHODS OF TREATING COVID-19 MEDIATED LUNG DAMAGE USING SURFACTANTS AND NATURAL ANTIBODIES	Ghassan Kassab; Carlos Labarrere;	
990	20230212266	2021-04-26	NEUTRALIZING MONOCLONAL ANTIBODIES AGAINST COVID19	Leonidas Stamatatos; Andrew McGuire; Marie Pancera;	Fred Hutchinson Cancer Center;
991	20230173418	2021-04-26	Nanofilter System for Personal and Medical Protective Equipment with Nano-Facemask, Resp. Nano-Faceshield and Method of Manufacturing Thereof	Stergios Logothetidis; Varvara Karagkiozaki; Alexandros Orfanos;	BL NANOBIO MED PRIVATE COMPANY; ARISTOTLE UNIVERSITY OF THESSALONIKI E.L.K.E.; Other;
992	20230174611	2021-04-26	COMPOSITIONS AND METHODS FOR PREVENTING OR REDUCING THE EFFECTS OF INFECTIONS BY CORONAVIRUSES THAT BIND THE EXTRACELLULAR DOMAIN OF THE ACE2 RECEPTOR	Jay KOLLS; Naoki IWANAGA;	Administrators of the Tulane Educational Fund;
993	20230167166	2021-04-26	TARGETED THERAPY FOR THE TREATMENT & PREVENTION OF LIFE-THREATENING COMPLICATIONS OF INFECTION	Larry Norton; Ross Levine; Kelly Bolton; Ahmet Zehir;	
994	20230168247	2021-04-26	SPECIFICITY ENHANCING REAGENTS FOR COVID-19 ANTIBODY TESTING	James Zimring; Lindsay Ann Legendre Bazydlo; Joesph Wiencek; James Gorham; Heather Howie;	University of Virginia Patent Foundation;
995	20220048954	2021-04-26	SARS-COV2 VACCINE VECTOR METHODS AND COMPOSITIONS	Gerald Pao; Junko Ogawa;	
996	20210332446	2021-04-26	ENGINEERED CRISPR-CAS SYSTEMS AND METHODS FOR SENSITIVE AND SPECIFIC DIAGNOSTICS	Blake WIEDENHEFT; Andrew SANTIAGO-FRANGOS; Anna NEMUDRAIA; Artem NEMUDRYI;	MONTANA STATE UNIVERSITY;
997	20210260580	2021-04-26	Method for monitoring COVID-19	Dawn Bennett;	
998	20230168245	2021-04-23	Lateral Flow Device for Detection of Neutralizing Antibodies Against SARS-COV-2	Henry Ji;	Sorrento Therapeutics, Inc.;
999	20210331150	2021-04-23	SARS-COV-2 SUSCEPTIBILITY DETECTION	Kevin FIALKO;	
1,000	20230181651	2021-04-23	TREATMENT OF VIRUS-INDUCED ACUTE RESPIRATORY DISTRESS SYNDROME	Anthony Ting; Eric Jenkins; Alice Valentin-Torres;	ABT Holding Company;

PATENT APPLICATION PUBLICATIONS

#	Pub. No	Filed	Title	Inventors	Assignees
1,001	20230151367	2021-04-23	THERAPEUTIC INTERFERING PARTICLES FOR CORONA VIRUS	Sonali CHATURVEDI; Robert RODICK; Leor WEINBERGER;	
1,002	20230143215	2021-04-23	IMMUNIZATION AGAINST SARS-COV-RELATED DISEASES	Cornelis Johannes Maria Melief; Thomas Johannes Maria Beenakker; Peter van Rijn; Anna-Sophia Wiekmeijer; Miranda Bernardina Johanna Molenaar; Leonard Willem Frederik Hooftman;	ISA Pharmaceuticals B.V.;
1,003	20230174588	2021-04-22	A VACCINE AGAINST SARS-COV-2 AND PREPARATION THEREOF	Pankaj PATEL;	
1,004	20230159597	2021-04-22	LIPID-PEPTIDE FUSION INHIBITORS AS SARS-COV-2 ANTIVIRALS	Matteo POROTTO; Anne MOSCONA; Samuel GELLMAN; Victor OUTLAW; Zhen YU;	
1,005	20210330661	2021-04-22	Use Of Tafenoquine, Boceprevir Or Narlaprevir For Treating Infection Of SARS-COV-2 And Medical Composition Thereof	Mien-Chie Hung; Yeh Chen; Wen-Hao Yang; Chia-Shin Yang; Yu-Lin Hung; Yu-Quan Wang; Yi-Zhen Chou; Mei-Hui Hou; Chia-Ling Tsai; Bao-Yue Huang; Chian-Fang Hung;	China Medical University;
1,006	20210330728	2021-04-22	Methods of Clinical Treatment of a Mammal Experiencing a Viral Respiratory Infection and/or Inflammation Resulting from a Viral Respiratory Infection Using Botanical Infusion	Jasmine Gardner;	
1,007	20240131124	2021-04-22	ANTIVIRAL STRUCTURALLY-STABILIZED ACE2 HELIX 1 PEPTIDES AND USES THEREOF	Loren Walensky; Henry Herce;	
1,008	20230302118	2021-04-21	ORAL RECOMBINANT YEAST FOR EXPRESSING S PROTEIN OF NOVEL CORONAVIRUS, PREPARATION THEREFOR, AND APPLICATION THEREOF	Jinhai HUANG; Lilin ZHANG; Yanyu GUO;	
1,009	20230149327	2021-04-21	Use of Salmeterol as an Anti-Coronaviral Agent	Jonathan Marchant; Tom Aufderheide;	
1,010	20230143228	2021-04-21	CORONAVIRUS VACCINES, COMPOSITIONS, AND METHODS RELATED THERETO	Rama AMARA; Sailaja GANGADHARA; Nanda ROUTHU;	
1,011	20230181120	2021-04-20	SYSTEM AND METHOD FOR TESTING FOR SARS-COV-2/COVID-19 BASED ON WEARABLE MEDICAL SENSORS AND NEURAL NETWORKS	Shayan HASSANTABAR; Niraj JHA;	The Trustees of Princeton University;
1,012	20210324486	2021-04-20	Method and Primers for the Sensitive and Specific Detection of SARS-CoV-2	Isidore Rigoutsos;	
1,013	20230263881	2021-04-20	Vaccine compositions for SARS-related coronaviruses and methods of use	Richard ASCIONE; Shengmei QI; David HODGE;	
1,014	20230220054	2021-04-20	ANTI-CORONAVIRUS ANTIBODIES AND USES THEREOF	Jianbo Dong; Chao Huang; Yue Liu;	
1,015	20230201626	2021-04-20	EQUIPMENT FOR DESTRUCTION OF CORONAVIRUSES BY MEANS OF COMPLEMENTARY RADIATION	Herman DÍAZ ARIAS;	
1,016	20230181697	2021-04-20	Use of Surfactant Protein D to Treat Viral Infections	Paul KINGMA; Shawn GRANT; Raquel ARROYO-RODRIGUEZ; Marc SALZBERG;	
1,017	20210322464	2021-04-20	METHOD OF TREATING AND PREVENTING CORONAVIRUS DISEASE 19 (COVID-19) USING A SELENIUM ADMINISTRATION	Mohamed Samir Elsayed Ghoweba;	
1,018	20210322469	2021-04-20	ZINC AND COPPER FOR THE PROPHYLAXIS AND TREATMENT OF COVID-19	Fredericus van Kuijk; Scott McPherson;	
1,019	20210324047	2021-04-20	ANTIVIRUS PROTEINS HAVING A KRINGLE 5 SUBUNIT	Donald DAVIDSON;	
1,020	20240016831	2021-04-19	NITRIC OXIDE OR NITRIC OXIDE RELEASING COMPOSITIONS FOR USE IN TREATING SARS-COV AND SARS-COV-2	Hugh MUNRO; Christopher WOOD; Nicholas BOOTE; Chris POLL;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,021	20210330631	2021-04-19	FORMULATION OF CALCIUM CHANNEL BLOCKERS FOR TREATMENT OF SARS-COV-2 INDUCED COVID-19 AND OTHER RESPIRATORY VIRUSES THROUGH PULMONARY DELIVERY	Manoj Jadhav; Ramakrishna Devarakonda;	Other;
1,022	20230235023	2021-04-19	USING C1 ESTERASE INHIBITOR TO TREAT VIRAL INFECTION-RELATED ACUTE RESPIRATORY DISTRESS	Bruno Giannetti; Anurag Relan; Juergen Schaale-Maass;	Pharming Intellectual Property B.V.;
1,023	20230184765	2021-04-19	DETECTION ASSAYS FOR CORONAVIRUS NEUTRALIZING ANTIBODIES	Stephen RUSSELL; Kah PENG; Patrycja LECH; Rianna VANDERGAAS; Timothy CAREY;	VYRIAD, INC.;
1,024	20230172869	2021-04-19	A NANO-ENABLED VACCINATION APPROACH FOR CORONAVIRUS DISEASE (COVID-19) AND OTHER VIRAL DISEASES	Andre Nel; Huan Meng; Tian Xia; Qi Liu; Sean Allen;	The Regents of the University of California;
1,025	20230160804	2021-04-19	Hematological Parameter for Viral Infection	Yuxiao DU;	
1,026	20230149536	2021-04-19	COMPOSITIONS FOR TREATING AND/OR PREVENTING CORONAVIRUS INFECTIONS	Stephen RUSSELL; Kah PENG; Patrycja LECH; Alina BAUM; Christos KYRATSOUS;	
1,027	20210324107	2021-04-19	USING C1 ESTERASE INHIBITOR TO TREAT VIRAL INFECTION-RELATED ACUTE RESPIRATORY DISTRESS	Bruno GIANNETTI; Jürgen SCHAALE; Anurag RELAN;	Pharming Intellectual Property B.V.;
1,028	20230151366	2021-04-16	COMPOSITIONS AND METHODS OF INHIBITING SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	Susan Freier; Eric Swayze; Robert Prill;	Ionis Pharmaceuticals, Inc.;
1,029	20210332444	2021-04-16	SARS-CoV-2 TEST KIT FOR RT-qPCR ASSAYS	Qing Sun; Michael Sha; Hui Ren; Jonathan Li; Aiguo Zhang;	
1,030	20220017604	2021-04-16	ANTI-SARS-CoV-2 MONOCLONAL ANTIBODIES	Ali Ellebedy; Aaron Schmitz; Jackson Turner; Wafaa Al Soussi; Michael Diamond; Daved Fremont; James Case; Haiyan Zhao; Adrianus Boon; Sean Whelan; Andrew McCluskey; Christopher Negrón;	Washington University;
1,031	20210332122	2021-04-16	DYSREGULATION OF COVID-19 RECEPTOR ASSOCIATED WITH IBD	Dermot MCGOVERN; Alka POTDAR; Shishir DUBE;	
1,032	20230346820	2021-04-15	METHODS AND COMPOSITIONS FOR THE TREATMENT OF SARS-COV-2	Malina BAKOWSKI; Nathan BEUTLER; Dennis BURTON; Arnab CHATTERJEE; Case MCNAMARA; Thomas ROGERS; Peter SCHULTZ; Karen WOLFF; Laura RIVA;	
1,033	20230218644	2021-04-15	COMPOUNDS FOR USE IN THE TREATMENT OF VIRAL INFECTIONS BY RESPIRATORY SYNDROME-RELATED CORONAVIRUS	Raúl INSA BORONAT; Luca SIGNORILE; Núria REIG BOLAÑO; Dong-Hae SHIN;	
1,034	20220195540	2021-04-14	MULTIPLEX REAL-TIME RT-PCR METHOD FOR THE DIAGNOSIS OF SARS-COV-2 BY TARGETING VIRAL E, RDRP AND HUMAN RP GENES OR VIRAL N2, RDRP AND HUMAN RP GENES	Huseyin TOMBULOGLU; Ebtesam AL-SUHAIMI;	Imam Abdulrahman Bin Faisal University;
1,035	20240059757	2021-04-14	ANTIBODIES AGAINST SARS-COV-2 AND METHODS OF USING THE SAME	Martina BELTRAMELLO; Siro BIANCHI; Elisabetta CAMERONI; Davide CORTI; Nadine CZUDNOCHOWSKI; Katja FINK; Florian LEMPP; Dora PINTO; Matteo PIZZUTO; Gyorgy SNELL; Amalio TELENTI; Fabrizia ZATTA;	
1,036	20230338459	2021-04-14	Treatment for Diseases Caused by RNA Viruses	Oral Alpan; Matthew Plassmeyer;	
1,037	20230233518	2021-04-14	CATECHIN CONTAINING COMPOSITIONS AND USES	Piero CHIARELLI; Antonio MORINI; Saverio BETTUZZI; Hirofumi TACHIBANA; Yukihiko HARA;	
1,038	20230117397	2021-04-14	PIRFENIDONE FOR CORONAVIRUS TREATMENT	Estuardo Aguilar-Cordova; Laura Aguilar; José Agustín Rogelio Magaña Castro;	Excalibur Pharmaceuticals, Inc.;
1,039	20230235026	2021-04-13	INFECTIOUS DISEASE ANTIBODIES AND USES THEREOF	David Krag; Girja Shukla; Stephanie Fournier; Sunny Sun;	Moonshot Antibodies, LLC;
1,040	20230194528	2021-04-13	METHODS FOR DETECTING THE PRESENCE OF CORONAVIRUS-SPECIFIC ANTIBODIES IN A SUBJECT	Olivier BOYER; Laurent DROUOT;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,041	20230192891	2021-04-12	ACE2-Targeted Compositions and Methods for Treating COVID-19	Paul Maddon;	Maddon Advisors LLC;
1,042	20230398210	2021-04-09	IMPROVEMENTS IN VACCINE FORMULATIONS FOR MEDICAL USE	Robert Schlegl; Jürgen Heindl-Wruss;	Valneva Austria GmbH;
1,043	20230226043	2021-04-09	USE OF MASITINIB FOR THE TREATMENT OF CORONAVIRUS DISEASE 2019 (COVID-19)	Alain MOUSSY; Savas TAY; Nir DRAYMAN; Glenn RANDALL; Siquan CHEN;	AB SCIENCE; THE UNIVERSITY OF CHICAGO;
1,044	20230151077	2021-04-09	SOLUBLE ACE2 FOR TREATMENT OF COVID-19	György MARKO-VARGA; Balazs DÖME; Viktoria LASZLO; Peter DÖME; Yutaka SUGIHARA; Jeovanis GIL VALDES; Roger APPELQVIST; Johan MALM;	
1,045	20230142780	2021-04-09	USE OF VIRAL VECTORS FOR CORONAVIRUS VACCINE PRODUCTION	Hansell Stedman; Geoffrey Tabin; Charles Bridges;	4MVac LLC; Trustees of the University of Pennsylvania; Johnson & Johnson, Inc.;
1,046	20230146096	2021-04-09	USE OF VIDOFUDIMUS FOR THE TREATMENT OF CORONAVIRUS INFECTIONS	Pierre-Olivier VIDALAIN; Vincent LOTTEAU; Patrice ANDRE; Franck TOURET; Xavier DE LAMBALLERIE; Antoine NOUGAIREDE;	
1,047	20230136817	2021-04-09	TREATMENT OF ACUTE RESPIRATORY DISEASE SYNDROME (ARDS) WITH POLYSULFATED POLYSACCHARIDES	Paul Rennie; Ravi KRISHNAN;	Paradigm Biopharmaceuticals Ltd.;
1,048	20220380770	2021-04-09	SHORT INTERFERING NUCLEIC ACID (siNA) MOLECULES AND USES THEREOF FOR CORONAVIRUS DISEASES	Leonid BEIGELMAN; Antitsa STOYCHEVA; Aneerban BHATTACHARYA; David SMITH; Rajendra PANDEY; Saul MONTERO; Vivek RAJWANSHI; Jin HONG;	ALIGOS THERAPEUTICS, INC.;
1,049	20210317457	2021-04-09	ANTISENSE OLIGONUCLEOTIDE (ASO) MOLECULES AND USES THEREOF FOR CORONAVIRUS DISEASES	Leonid BEIGELMAN; Antitsa STOYCHEVA; Aneerban BHATTACHARYA; David SMITH; Rajendra PANDEY; Saul MONTERO; Vivek RAJWANSHI; Jin HONG;	ALIGOS THERAPEUTICS, INC.;
1,050	20240026412	2021-04-09	IMPROVED METHODS OF PRODUCING A LIPIDATED PROTEIN	Robert Schlegl; Franz Moisi; Markus Hanner; Urban Lundberg;	Valneva Austria GmbH;
1,051	20230144719	2021-04-08	METHODS OF TREATING SARS-COV-2 INFECTIONS	Adrian HEPNER;	
1,052	20230165524	2021-04-08	Systems and Methods for Managing A Person's Position to Encourage Prone	Barrett Larson;	Leaf Healthcare, Inc.;
1,053	20230372264	2021-04-07	COMPOSITION FOR THE PREVENTION OF INFECTION BY SARS-COV-2	Matteo BERTELLI; Giampietro FARRONATO; Marco FARRONATO; Gianluca TARTAGLIA; Stefano PAOLACCI; Kyrlo ANPILOGOV; Elena MANARA; Astrit DAUTAJ; Paolo MALTESE; Kristjana DHULL; Mahmut ERGOREN; Munis DUNDAR; Tamer SANLIDAG; Daniele MALACARNE; Irfan GUNSEL; Huseyin SUER; Murat SAYAN; Gulden TUNCEL; Nazife SULTANOGLU;	MAGI EUREGIO SCS;
1,054	20230236196	2021-04-07	SARS-COV-2 INFECTION RISK ASSESSMENT METHOD	Jesper Eugen-Olsen; Ove Andersen;	
1,055	20230158054	2021-04-07	METHODS, COMPOSITIONS, AND DOSING REGIMENS FOR TREATMENT OF SARS-COV-2 INFECTIONS	Yarlagadda BABU; Amanda MATHIS; William SHERIDAN;	
1,056	20230148179	2021-04-07	SMALL MOLECULE INHIBITORS OF SARS-CoV-2 VIRAL REPLICATION AND USES THEREOF	Jun Wang; Chunlong Ma;	
1,057	20230181711	2021-04-07	IMMUNOGENIC COMPOSITION COMPRISING AN ANTIGENIC MOIETY AND A LIPOSOMAL FORMULATION, METHOD OF PRODUCING THE COMPOSITION, THE COMPOSITION FOR USE AS A MEDICAMENT, IN PARTICULAR FOR USE AS A VACCINE	Stéfan HALBHERR; Camille PEITSCH; Diego VON WERDT;	
1,058	20210308075	2021-04-07	PREVENTION AND TREATMENT OF VIRAL INFECTIONS	Joseph Habboushe;	
1,059	20210308089	2021-04-07	METHODS OF TREATING AND/OR PREVENTING VIRAL INFECTIONS AND/OR DISEASES CAUSED BY VIRUSES IN A SUBJECT IN NEED THEREOF	Lixia Jiao; Richard Dunbar; Rebecca Juliano;	
1,060	20210236529	2021-04-07	MULTI-TARGETED COMPOSITIONS FOR MITIGATING ACUTE RESPIRATORY DISTRESS SYNDROME	Ratan Chaudhuri; Manpreet Randhawa;	Sytheon Ltd;

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#	Pub. No	Filed	Title	Inventors	Assignees
1,061	20230184764	2021-04-06	PEPTIDE SEQUENCES FOR DETECTION AND DIFFERENTIATION OF ANTIBODY RESPONSES TO SARS-COV-2 AND OTHER HUMAN CORONA VIRUSES	Walter Lipkin; Nischay MISHRA; Thomas BRIESE; Cheng GUO; Shreyas JOSHI; Rafal TOKARZ;	
1,062	20230129326	2021-04-06	METHODS TO PREVENT SARS-COV-2 INFECTION AND TREAT COVID-19	David OSTROV; Leah REZNIKOV; Michael NORRIS; Ashley BROWN;	
1,063	20210308151	2021-04-06	ACTIVATING ENDOGENOUS ANTIMICROBIALS TO TREAT SARS-COV-2 INFECTION	Charles Bishop; Stephen Strugnell; Akhtar Ashfaq; Reem Elsiddig; Colm Nulty;	
1,064	20230204574	2021-04-06	RAPID, POINT OF CARE DETECTION OF NEUTRALIZING ANTIBODIES AGAINST A VIRUS	Hojun LI; Guinevere CONNELLY;	
1,065	20230158067	2021-04-06	SILVER NANOPARTICLES FOR USE IN INHIBITING AND TREATING CORONAVIRUS INFECTION	Ankit Agarwal;	
1,066	20230143352	2021-04-06	GENISTEIN TREATMENT OF INFLAMMATORY PULMONARY INJURY	Artur Serebrenik; Michael Kaytor; John Dykstra; Ronald Zenk;	
1,067	20210315989	2021-04-06	METHODS TO PREPARE NASOPHARYNGEAL AND ORAL MATERIAL FOR ORAL INOCULATION OF COVID-19	Steven Hayden;	
1,068	20230203466	2021-04-05	ACE2 RECEPTOR POLYMORPHISMS AND VARYING SUSCEPTIBILITY TO SARS-COV-2, METHODS FOR DIAGNOSIS AND TREATMENT	Somasekar Seshagiri; Eric Stawiski; Kushai Suryamohan; Ravi Gupta; Jagath Junutula;	
1,069	20220002700	2021-04-05	COMPUTATIONALLY-OPTIMIZED ACE2 PEPTIDES FOR COMPETITIVE INTERCEPTION OF SARS-CoV-2	Pranam CHATTERJEE; Raghava PONNAPATI; Eyal PERRY; Joseph JACOBSON;	
1,070	20230145699	2021-04-05	RAPID POINT OF CARE ASSAY FOR THE DETECTION OF THE ASYMPTOMATIC CARRIER STATE OF COVID-19	Lawrence LOOMIS;	
1,071	20230129210	2021-04-05	BINDING PROTEINS USEFUL AGAINST ACE2-TARGETED VIRUSES	Samuel Lai; Karthik Tiruthani; Carlos Cruz Teran;	
1,072	20230201249	2021-04-02	COMPOSITIONS INCORPORATING SULFATED POLYSACCHARIDES FOR INHIBITING SARS-COV-2	Robert LINHARDT; So-Young KIM; Weihua JIN; Jonathan DORDICK; Fuming ZHANG; Seok-Joon KWON; Paul KWON; Keith FRASER;	
1,073	20230149928	2021-04-02	SENSOR-BASED SYSTEMS AND METHODS FOR DIAGNOSTIC AND FIELD USE DETECTION OF NUCLEIC ACIDS	David Weaver; Robert DiNello; Pritiraj Mohanty;	FemtoDx, Inc.;
1,074	20210347858	2021-04-02	ALIMENTARY AND SYSTEMIC ANTIVIRAL THERAPEUTICS	Timothy Starzl;	
1,075	20230173058	2021-04-01	SARS-COV-2 VACCINE	Junqiang LI; Weixue SI; Tao ZHU; Yunli XU; Jie DENG; Shoubai CHAO;	
1,076	20230151444	2021-04-01	PCR BASED DIAGNOSTIC KIT, COMPOSITIONS AND METHODS FOR AMPLIFICATION AND DETECTION OF SARS-COV-2	Benedito EDUARDO CORREIA; Alexandre GILLES; Ludovic MENARD;	
1,077	20230250169	2021-04-01	AXL Inhibitors for Antiviral Therapy	James LORENS; Wendy MAURY;	BERGENBIO ASA;
1,078	20230192872	2021-04-01	TOCILIZUMAB FOR THE TREATMENT OF VIRAL INFECTIONS	Mark RATAIN; Garth STROHBEHN; Pankti REID; Brian HEISS;	
1,079	20230158137	2021-04-01	CORONAVIRUS VACCINE	Zsolt Csiszovszki; Orsolya Lörincz; Levente Molnár; Péter Páles; Katalin Pántya; Eszter Somogyi; József Tóth; Eniko Toke;	
1,080	20230149401	2021-04-01	FURIN INHIBITORS FOR TREATING CORONAVIRUS INFECTIONS	Keith Wilcoxon; Claudine Mapa; Tatjana Odriljin; Nabil Seidah;	BP Asset V, Inc.;

PATENT APPLICATION PUBLICATIONS

#	Pub. No	Filed	Title	Inventors	Assignees
1,081	20230149407	2021-04-01	Methods of Treating Coronavirus Disease 2019	Michael Corbo; Spencer Danto; Tamas Koncz; Elena Peeva; Hernan Valdez, V; Michael Vincent; Cara Margaret May Williams;	Pfizer Inc.;
1,082	20230126310	2021-04-01	COMPOSITIONS FOR CORONAVIRUS INFECTION TREATMENT AND/OR PREVENTION	Philip GRIBBON; Andrea ZALIANI; Bernhard ELLINGER; Gerd GEISSLINGER; Sandra CIESEK; Jindrich CINATL; Denisa BOJKOVA;	
1,083	20230105838	2021-04-01	Method of Treating COVID-19	Robert Hoffman; Robert Kania; Dafydd Owen; Martin Pettersson; Matthew Sammons; Jamison Tuttle;	Pfizer Inc.;
1,084	20210396755	2021-04-01	RAPID MULTIPLEXED SEROLOGICAL TEST	Lawrence Gunn, III; Richard Hockett, JR; Sasi Mudumba;	
1,085	20210310083	2021-04-01	Methods and Systems for Detection of Pathogens	Brian Krueger; Ayla Burns; Kimberly Wagner;	
1,086	20210311056	2021-04-01	SELF-ADMINISTERED INFECTION TESTING AND RESULT DETERMINATION	Paul Edalat; Mehdi Hatamian;	Vivera Pharmaceuticals Inc.;
1,087	20230226169	2021-03-31	MULTILAMELLAR RNA NANOPARTICLE VACCINE AGAINST SARS-COV-2	Elias Sayour; Hector Mendez-Gomez; Paul Castillo Caro; Noah Jones; Duane Mitchell;	
1,088	20230218741	2021-03-31	SARS-COV-2 VACCINES FOR POPULATION-SCALE IMMUNITY	John MARIS; Mark YARMARKOVICH; Alvin FARREL; John WARRINGTON;	The Children's Hospital of Philadelphia;
1,089	20230193410	2021-03-31	IDENTIFICATION OF NSP1 GENE AS TARGET OF SARS-COV-2 REAL-TIME RT-PCR USING NANOPORE WHOLE GENOME SEQUENCING	Kelvin Kai-Wang To; Kwok-Yung Yuen; Jasper Fuk-Woo Chan;	
1,090	20220333215	2021-03-31	METHODS AND COMPOSITIONS FOR DETECTING CO-INFECTION WITH SARS-COV-2 AND INFLUENZA A VIRUS AND/OR INFLUENZA B VIRUS	Yang Xu; Xi Xu;	THE HOPES INSTITUTE;
1,091	20230218571	2021-03-31	CYSTEAMINE PRECURSOR COMPOUNDS FOR THE TREATMENT OF BETACORONAVIRUS INFECTIONS	Patrice RIOUX;	
1,092	20230190697	2021-03-31	METHODS FOR TREATING VIRAL INFECTIONS WITH NAFAMOSTAT	Lynn KIRKPATRICK;	ENSYSCE BIOSCIENCES, INC.;
1,093	20230158489	2021-03-31	OPTICAL DETECTION SYSTEM	Dang BANG; Anders WOLFF; Sune Zoëga ANDREASEN; Trieu NGUYEN; Van HUYNH; Nguyen Thi Thu TRANG; Quyen LINH; Mohsen GOLABI; Tien ANH; Vinayaka CHIDAMBARA;	
1,094	20230145442	2021-03-31	CONDENSATION PRODUCT FOR USE IN A METHOD FOR THE TREATMENT OF COVID-19	Guenther Scherr; Sandra Koenig; Ulrich Mrowietz; Stefan Poehlmann;	
1,095	20230137174	2021-03-31	NOVEL SALMONELLA-BASED CORONAVIRUS VACCINE	Heinz LUBENAU; Marc MANSOUR;	
1,096	20230120707	2021-03-31	Compounds and Method of Treating COVID-19	Robert Kania; Dafydd Owen; Martin Pettersson; Matthew Sammons; Jamison Tuttle;	Pfizer Inc.;
1,097	20230129262	2021-03-30	METHODS AND PHARMACEUTICAL COMPOSITIONS OF THROMBOXANE A2 RECEPTOR ANTAGONIST FOR THE TREATMENT OF COVID-19	Martin OGLETREE;	
1,098	20220017614	2021-03-30	Anti-IL6 Agent for Treating Coronavirus Infection	Katia Boven; Jason Chien; Magda Opsomer; Brian Woodfall;	
1,099	20210301322	2021-03-30	Analytical Toilet for Detecting Viruses in Urine	David Hall; K Campbell; Anthony Pullen; Jeffery Duncan;	Medic, Inc.;
1,100	20230103369	2021-03-29	THE USE OF MOLECULARLY IMPRINTED POLYMERS FOR THE RAPID DETECTION OF EMERGING VIRAL OUTBREAKS	Jonathan GLUCKMAN; Sherman MCGILL; Aristotle KALIVRETENOS; Guneet KUMAR; Louis REICHEL; Brandi MAULL; Garrett KRAFT; Dae KIM;	

PATENT APPLICATION PUBLICATIONS

#	Pub. No	Filed	Title	Inventors	Assignees
1,101	20220331472	2021-03-29	LARGE-SCALE UV-C INACTIVATION DEVICES AND SIMULATIONS OF THE SAME	Jeffrey Mullen; Andrew Veter; Keith Huthmacher; Peter Gilgunn; James Nelson; David Malarik; Jun Yu;	
1,102	20220306646	2021-03-29	Deuterated Angiotensin-Converting Enzyme-2 (ACE-2) Inhibitors	Daljit Dhanoa;	
1,103	20210309733	2021-03-29	METHODS FOR TREATING CORONAVIRUS INFECTION AND RESULTING INFLAMMATION-INDUCED LUNG INJURY	Cameron DURRANT; Dale CHAPPELL;	HUMANIGEN, INC.;
1,104	20210299101	2021-03-29	SYSTEMS, METHODS, AND KITS FOR DIAGNOSTICS AND TREATMENT OF VIRAL RESPIRATORY INFECTION	Ofer Goren; John McCoy;	
1,105	20210299209	2021-03-29	SYSTEMS, METHODS, AND KITS FOR DIAGNOSTICS AND TREATMENT OF VIRAL RESPIRATORY INFECTION	Ofer Goren; John McCoy;	
1,106	20230416692	2021-03-26	REVERSE GENETIC SYSTEM FOR SARS-COV-2	PEI-YONG SHI; VINEET MENACHARY; Xuping Xie;	
1,107	20230122364	2021-03-26	HUMAN MONOCLONAL ANTIBODIES TO SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	James CROWE, Jr; Seth ZOST; Robert CARNAHAN; Pavlo GILCHUK;	
1,108	20230346717	2021-03-26	IDENTIFICATION AND USE OF COMPOUNDS IN THE TREATMENT OR PREVENTION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2	Mihael POLYMERPOULOS; Sandra SMIESZEK; Bartlomiej PRZYCHODZEN; Vasilios POLYMERPOULOS;	
1,109	20230270841	2021-03-26	CORONAVIRUS VACCINE	Robin Shattock; Paul McKay; Anna Blakney;	Imperial College Innovations Limited;
1,110	20230149400	2021-03-26	METHODS AND COMPOSITIONS FOR TREATING VIRAL INFECTIONS	Paul CHANGELIAN; Joseph MONAHAN; David GORDON; Neal WALKER; Walter SMITH;	
1,111	20220305023	2021-03-26	Chlorophyllin Containing Pharmaceutical Composition For Prevention Of Pathogenesis Of Coronavirus Disease	Deepak Sharma; Santosh Sandur; Vikram Gota; Raghavendra Patwardhan; Babita Singh; Rahul Checker; Dharmendra Maurya; Mahendra Joshi; Amarjit Giri; Shivkumar Madki; Sudeep Gupta;	THE SECRETARY, DEPARTMENT OF ATOMIC ENERGY;
1,112	20230146256	2021-03-25	SARS-CoV-2 SPIKE RECEPTOR BINDING DOMAIN AND COMPOSITIONS AND METHODS THEREOF	Frank LEE; Yushun WAN; Jian SHANG;	REGENTS OF THE UNIVERSITY OF MINNESOTA;
1,113	20230135227	2021-03-25	USE OF PHYCOBILIPROTEIN (PBP) TO INHIBIT OR TREAT SARS-COV-2 INFECTION	Leonard Lerer;	
1,114	20230330240	2021-03-25	TECHNOLOGIES FOR PREVENTING OR TREATING INFECTIONS	Alexander BAYDEN; Tetyana BERBASOVA; Lawrence FISHER; Wieslaw KAZMIERSKI; Luca RASTELLI; Tomi SAWYER; David SPIEGEL; Wayne WIDDISON;	
1,115	20230190728	2021-03-25	NEW THERAPEUTIC USES OF COMPOUNDS	William Pullman; Peter Van Ess;	
1,116	20210299245	2021-03-25	ATTENUATED POXVIRUS VECTOR BASED VACCINE FOR PROTECTION AGAINST COVID-19	Natalie PROW; Paul Howley; Tamara Cooper; John Hayball; Kerrilyn Diener; Liang Liu; Preethi Eldi;	
1,117	20230330211	2021-03-24	COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING CORONAVIRUSES	Matti Sällberg; Lars Frelin;	
1,118	20210300970	2021-03-24	COVID-19 VACCINE	Joseph Barbieri; Amanda Przedpelski; Eric Johnson; Sabine Pellett; William Tepp;	
1,119	20210290757	2021-03-23	ENGINEERING OF DENDRITIC CELLS FOR GENERATION OF VACCINES AGAINST SARS-COV-2	Shirley O'Dea; Michael Maguire;	
1,120	20230372468	2021-03-23	COMPOSITIONS AND METHODS FOR TARGETING CORONAVIRUS USING LIPID VESICLES INCLUDING EXOSOMES	RAGHU KALLURI;	Board of Regents, The University of Texas System;

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#	Pub. No	Filed	Title	Inventors	Assignees
1,121	20230167159	2021-03-22	SARS-CORONAVIRUS 2 (SARS-COV-2) SUBUNIT VACCINE CANDIDATES	Waithaka Mwangi; Huldah Sang;	
1,122	20210293816	2021-03-22	GRAPHENE-BASED SENSOR FOR DETECTING SARS-COV-2 VIRUS IN A BIOLOGICAL SAMPLE	Namal Nawana; Reza Mollaaghababa; Mehdi Abedi; Edward Greenfield; Nirva Patel; Mohammed Fotouhi;	
1,123	20230176054	2021-03-22	CORONAVIRUS ASSAY	Victor Manneh;	
1,124	20230113734	2021-03-22	BINDING MOLECULE HAVING NEUTRALIZING ACTIVITY AGAINST SARS-CORONAVIRUS-2	Cheol-Min KIM; Ji-Min SEO; Min-Soo KIM; Soo-Young LEE; Dong-Kyun RYU; Sung-Soon KIM; Joo-Yeon LEE; Kyung-Chang KIM; Jeong-Sun YANG; Han-Saem LEE; Hye-Min WOO; Jun-Won KIM;	
1,125	20230151385	2021-03-21	SELECTABLE MARKER PROTEINS, EXPRESSION VECTORS, ENGINEERED CELLS AND EXTRACELLULAR VESICLES FOR THE PRODUCTION OF VIRUS-LIKE PARTICLES FOR THERAPEUTIC AND PROPHYLACTIC APPLICATIONS	Stephen Gould; Linda Marban; Shang-Jui Tsai; Chenxu Guo;	
1,126	20230414650	2021-03-19	INHALATION AND TOPICAL USE OF A FORMULATION CONTAINING CYCLODEXTRIN, QUERCETIN AND ZINC, TO MITIGATE INFECTION BY ENVELOPED VIRUSES, SUCH AS HIV AND SARS-COV-2	Bhanu Jena; Octavian Bucur;	Viron Therapeutics LLC;
1,127	20230143345	2021-03-19	PHARMACEUTICAL COMPOSITION FOR PREVENTION OR TREATMENT OF DISEASES CAUSED BY SARS-COV-2	Joo YOON; Yun HWANG; Ma LEE; Hyun LEE;	DONG WHA PHARM. CO., LTD.;
1,128	20210292820	2021-03-19	COMPOSITIONS AND METHODS FOR DETECTING AND TREATING SARS-COV-2	Yuhua Sun; Ming-Hwa Liang;	
1,129	20230218548	2021-03-19	NITRO-AMINOADAMANTANE COMPOUNDS FOR THE TREATMENT OF BETACORONAVIRUS INFECTIONS	Mark TEPPER; Stuart LIPTON;	
1,130	20230149534	2021-03-19	HAPTENIZED CORONAVIRUS SPIKE PROTEINS	David Berd; James Passin;	
1,131	20230152316	2021-03-19	SARS-COV2 SPIKE PROTEIN BINDING PEPTIDES	Bradley Pentelute; Genwei Zhang; Sebastian Pomplun; Alexander Loftis; Andrei Loas;	
1,132	20230141499	2021-03-19	CARDIOSPHERE-DERIVED CELL (CDC) THERAPY FOR THE TREATMENT OF VIRAL INFECTIONS	Eduardo Marbán; Linda Marbán;	
1,133	20230133188	2021-03-19	MODIFIED MRNAS FOR VACCINE DEVELOPMENT	Thomas FRISCHMUTH;	
1,134	20230127518	2021-03-19	IDEBENONE FOR THE TREATMENT OF ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) IN PATIENTS DIAGNOSED WITH A CORONAVIRUS INFECTION	Giampiero DE LUCA; Alessandro BERTI;	
1,135	20210299143	2021-03-19	USE OF ANTAGONISTS TO THE NUCLEAR STEROID RECEPTOR TO INHIBIT CORONAVIRUSES	Patrick Prendergast; Steven Adler;	Spectral Analytics, Inc.;
1,136	20210292384	2021-03-19	Bispecific and trispecific functional molecules of ACE2 and complement pathways and their use	Bo Yu; James Larrick;	Larix Bioscience LLC;
1,137	20210348243	2021-03-18	RAPID FIELD-DEPLOYABLE DETECTION OF SARS-CoV-2 VIRUS	Melanie Ott; Parinaz Fozouni; Jennifer Doudna; Daniel Fletcher; David Savage; Emeric Charles; Sungmin Son; Gagandeep Kumar; Neil Switz;	
1,138	20230172941	2021-03-18	PROPHYLAXIS AND TREATMENT OF PATHOGENIC CORONAVIRUS INFECTIONS	Ephraim Fuchs;	
1,139	20230138103	2021-03-18	GENE SILENCING AGENTS FOR TARGETING CORONAVIRUS GENES AND USES THEREOF	Chiang LI; Xiangao SUN; Charles LI; Pingping "Peter" KUANG;	
1,140	20210338708	2021-03-18	METHOD FOR TREATMENT OF CORONAVIRUS INFECTION	Donald KEYSER; Alvaro GUILLEM; Bhupinder SINGH; Richard ZAGER; Stacey RUIZ;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,141	20210292277	2021-03-17	TREATING SARS-COV-2 INFECTED SUBJECTS WITH SMALL MOLECULE COMPOUNDS	David Bruyette; Dylan Balsz;	
1,142	20230078211	2021-03-17	DECONTAMINATION SYSTEM	Jacob Scott; Ian Charnas;	
1,143	20220296700	2021-03-16	SYNTHETIC PLASMID DNA VACCINE EXPRESSING A CODON-OPTIMIZED SARS-COV-2 SPIKE PROTEIN AND METHODS FOR ITS USE	Anwar Hashem; Mohamed Alfaleh; Turki Abujamel; Sawzan Alamri; Abdullah Algaissi; Khalid Alluhaybi;	
1,144	20230203120	2021-03-16	HYBRID INTERFERONS FOR TREATING VIRAL INFECTIONS	William Stimson;	
1,145	20230114594	2021-03-16	NEW THERAPEUTIC USE OF ANAKINRA FOR COVID-19	Cristina DE MIN;	Swedish Orphan Biovitrum AB (publ);
1,146	20210291165	2021-03-16	RAPID DIAGNOSTIC TEST	Jonathan Rothberg; Spencer Glantz; Benjamin Rosenbluth; Todd Roswech; Matthew Dyer; Jose Camara; Eric Kauderer-Abrams; Jonathan Schultz;	Detect, Inc.;
1,147	20210291176	2021-03-16	RAPID DIAGNOSTIC TEST WITH BLISTER PACK	Todd Roswech; John Leamon; Jonathan Rothberg;	Detect, Inc.;
1,148	20210291181	2021-03-16	SEAL COMPONENT FOR A RAPID DIAGNOSTIC TEST	Jonathan Rothberg; Spencer Glantz; Benjamin Rosenbluth;	Detect, Inc.;
1,149	20210292406	2021-03-16	CONTROLLED RELEASE OF ANTIBODIES TO MODULATE CYTOKINES	Reid Rubsamen; Scott Burkholtz; Charles Herst; Tom Hodge; Lu Wang;	Flow Pharma, Inc.;
1,150	20210292825	2021-03-16	RAPID DIAGNOSTIC TEST	Jonathan Rothberg; Spencer Glantz; Benjamin Rosenbluth; Matthew Dyer; Todd Roswech; Eric Kauderer-Abrams; Jose Camara;	Detect, Inc.;
1,151	20230192671	2021-03-15	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Hiroaki Mitsuya; Andrew Mesecar;	
1,152	20230144739	2021-03-15	TREATMENT OF COVID-19 WITH REVERSE MICELLE SYSTEM COMPRISING UNMODIFIED OLIGONUCLEOTIDES	Jean-Claude MAUREL; Abdelkader MOURI; Hervé SEITZ; Sophie MOCKLY;	
1,153	20230129866	2021-03-15	METHODS OF TREATING RESPIRATORY DISEASE WITH DEUPIRFENIDONE	Michael Chen; Eric Elenko; Aleksandra Filipovic; LuAnn Sabounjian;	
1,154	20230128191	2021-03-12	METHODS AND KITS FOR THE DETECTION OF SARS-COV-2	David Engelthaler; Jolene Bowers; James Schupp;	
1,155	20230130878	2021-03-12	METHODS AND KITS FOR THE DETECTION OF SARS-COV-2	David Engelthaler; Jolene Bowers; James Schupp;	
1,156	20230142621	2021-03-12	EXOSOMAL NUCLEIC ACID VACCINE MODULARLY CONFIGURED TO HARNESS MULTIPLE ANTIGEN PRESENTATION MECHANISMS	Stephen Gould; Linda Marban; Tariq Warsi;	
1,157	20230120864	2021-03-12	TREATMENT FOR CORONAVIRUS INFECTION AND ASSOCIATED CYTOKINE TOXICITY	Sydney Cullis-Hill;	
1,158	20230106819	2021-03-12	BIFIDOBACTERIUM LONGUM	David GROEGER; Barry KIELY;	
1,159	20210263023	2021-03-12	Rapid And Ultrasensitive Analyte Detection For Screening In Community Settings	Ping Wang; Zhao Li; Hui Chen;	
1,160	20230242914	2021-03-11	ALL-IN-ONE AAV VECTORS FOR TREATING CORONAVIRUS-INDUCED DISEASES	Elisabeth ZEISBERG; Michael ZEISBERG; Gerd HASENFUSS; Xingbo XU; Xiaoying TAN;	Other;

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#	Pub. No	Filed	Title	Inventors	Assignees
1,161	20230210866	2021-03-10	COMPOSITION COMPRISING DILTIAZEM FOR TREATING A VIRAL INFECTION CAUSED BY SARS-COV-2 VIRUSES	Manuel ROSA-CALATRAVA; Olivier TERRIER; Mario PIZZORNO; Aurelien TRAVERSIER; Blandine PADEY; Thomas JULIEN;	
1,162	20210284743	2021-03-10	COMPOSITIONS OF IL-6/IL-6R ANTIBODIES AND METHODS OF USE THEREOF	Kunwar SHAILUBHAI; Gabriele CERRONE; Vaseem PALEJWALA; Jules JACOB;	
1,163	20230331822	2021-03-08	SARS-COV-2 spike protein binding molecule and application thereof	Junfang ZHANG;	
1,164	20230285539	2021-03-08	VACCINES AGAINST SARS-COV-2 AND OTHER CORONAVIRUSES	Michael JOYCE; Kayvon MODJARRAD;	Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; The Government of the United States, as Represented by the Secretary of the Army;
1,165	20210285061	2021-03-08	COMPOSITIONS AND METHODS FOR DETECTING SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2), INFLUENZA A AND INFLUENZA B	Chitra Manohar; Marcel Fontecha; Marantha Heil; Ramani Ravirala; Christopher Santini; Eugene Spier; Jingtao Sun; Thanh Tam; Huan Truong; Michelle Yee; Kalyani Mangipudi;	
1,166	20230106117	2021-03-08	SYSTEMS AND METHODS FOR GENERATING IMMUNE RESPONSES IN SUBJECTS USING MICROCHANNEL DELIVERY DEVICES	Sobin Chang; Daniel Nevriy; Saiprasad Sankaranarayan;	
1,167	20230109208	2021-03-08	METHODS FOR TREATING CORONAVIRUS INFECTION AND RESULTING INFLAMMATION-INDUCED LUNG INJURY	Cameron DURRANT; Dale CHAPPELL;	HUMANIGEN, INC.;
1,168	20220002699	2021-03-07	ACE2-Fc FUSION PROTEINS FOR SARS-COV-2 MITIGATION	Keith WYCOFF; Y TRAN;	PLANET BIOTECHNOLOGY, INC.;
1,169	20230346915	2021-03-05	Production Of Vaccines Comprising Inactivated SARS-COV-2 Viral Particles	Raymond Goodrich; Richard Bowen;	
1,170	20230057087	2021-03-05	COMPOSITION FOR DIAGNOSING SARS-COV-2, KIT, AND METHOD FOR DIAGNOSING SARS-COV-2 BY USING SAME	Sunghwan AN; Myung KIM;	
1,171	20220214338	2021-03-05	SARS-CoV-2 (COVID-19) NEUTRALIZING ANTIBODY TEST KIT AND TEST METHOD USING THE SAME	TSU HUANG; ERR CHAN;	
1,172	20210340225	2021-03-05	SARS-COV-2 (SARS2, COVID-19) ANTIBODIES	Franklin Grosveld; Dubravka Drabek; Rien van Haperen; Berend Bosch; Juliette Fedry; Daniel Hurdiss; Thijs Kuiken; Batholomeus Haagmans; Barry Hubertus Gerardus Rockx;	
1,173	20230107186	2021-03-05	COBICISTAT FOR PREVENTION AND/OR TREATMENT OF CORONAVIRUS INFECTIONS	MOHAMED FARES; MAHMOUD TOLBA; AHMED AYOUB; MARINA LUSIC; IART SHYTAJ; ANDREA SAVARINO; RICARDO DIAZ;	
1,174	20210292436	2021-03-05	Methods of Inhibiting MASP-2 for the Treatment and/or Prevention of Coronavirus-induced Acute Respiratory Distress Syndrome	Gregory Demopulos; Tineka Quinton; John Whitaker;	
1,175	20230117369	2021-03-04	COMPOSITIONS AND METHODS FOR DETECTING SARS-COV-2 NUCLEAIC ACID	Ankur SHAH; Barbara EATON; Damon GETMAN; Joshua MOBERLY; Paul DARBY; Jimmykim PHAM;	
1,176	20240124529	2021-03-04	ANTIVIRAL STRUCTURALLY-STABILIZED SARS-CoV-2 PEPTIDES AND USES THEREOF	Loren Walensky; Gregory Bird;	
1,177	20230346916	2021-03-04	IMMUNOGENIC COMPOSITIONS AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2	Lanying DU; Wanbo TAI; Christopher HILLYER; Larry LUCHSINGER; Shibo JIANG;	
1,178	20230340624	2021-03-04	DETECTION REAGENTS FOR SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 AND DETECTION METHODS	Yeqi TAO; Xingzhong GUO; Wen CHEN; Jianqiu FANG;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,181	20230125553	2021-03-03	METHOD FOR DETECTING CORONAVIRUS (SARS-CoV-2)	Kota YOKONO; Machiko YAMAMOTO; Syota YUKI; Ai FUKAYA; Yutaka KUBOTA;	
1,182	20230126569	2021-03-03	COMPOSITION FOR INHIBITING BINDING OF SARS-CoV-2 TO ACE2 PROTEIN	Norio Ogata; Takanori Miura;	
1,183	20210283201	2021-03-03	Systems and Methods for Treating Patients Infected with SARS-COV-2	Hollis Brewer, Jr; Michael Matin;	
1,184	20230124467	2021-03-03	COMPOUNDS AND METHODS FOR TREATING DISEASES AND/OR CONDITIONS CAUSED BY CORONAVIRUS	Wai Yip Thomas LEE; Chung Sing Daniel POON;	
1,185	20210402001	2021-03-02	Zinc Porters, and their Monoclonal Antibody Conjugates, for the Prevention and Treatment of COVID-19 (SARS-CoV-2), Other Infections, and Cancers	David Cohen;	
1,186	20230165936	2021-03-02	COMPOSITIONS OF ANTI-VIRAL PEPTIDES AND METHODS OF USE THEREOF	Hanjun Zhao; Kevin KW. To; Kwok-Yung Yuen;	
1,187	20230127499	2021-03-02	PEPTIDES AND ADJUVANTS FOR AUGMENTATION OF FIBROBLAST THERAPY FOR CORONAVIRUS	Pete O'HEERON; Thomas ICHIM;	
1,188	20230089695	2021-03-02	COMPOSITIONS IMMUNOGENIC AGAINST SARS CORONAVIRUS 2, METHODS OF MAKING, AND USING THEREOF	Honglin Chen; Pui Wang;	
1,189	20230218740	2021-03-01	CORONAVIRUS VACCINES COMPRISING A TLR9 AGONIST	John CAMPBELL; Robert JANSSEN; David NOVACK;	Dynavax Technologies Corporation;
1,190	20230110516	2021-03-01	CORONAVIRUS VACCINES COMPRISING A TLR9 AGONIST	John CAMPBELL; Robert JANSSEN; David NOVACK; Tsun-Yung KUO; Charles CHEN; Chung-Chin WU; Yi-Jiun LIN; Meei-Yun LIN; Yu-Chi WU;	Dynavax Technologies Corporation; MEDIGEN VACCINE BIOLOGICS CORPORATION;
1,191	20230092650	2021-03-01	CORONAVIRUS VACCINES COMPRISING A TLR9 AGONIST	John Campbell; Robert Janssen; David Novack; Christian Taucher; Christoph Reinisch; Andreas Meinke; Michael Möhlen; Robert Schlegl; Jürgen Heindl-Wruss;	Dynavax Technologies Corporation; Valneva Austria GmbH;
1,192	20220098242	2021-02-26	COMPOSITIONS AND METHODS FOR MUCOSAL VACCINATION AGAINST SARS-COV-2	Xiaoping ZHU; Weizhong LI; Tao WANG;	
1,193	20210260182	2021-02-26	RECOMBINANT POXVIRUS BASED VACCINE AGAINST SARS-CoV-2 VIRUS	Seth Lederman; Scott Goebel; David Evans; Ryan Noyce;	
1,194	20230159516	2021-02-23	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Hiroaki Mitsuya; Monika Yadav; Andrew Mesecar;	
1,195	20210196673	2021-02-23	COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING RESPIRATORY VIRAL INFECTIONS USING GREEN TREE EXTRACT	Stephen Hsu;	Augusta University Research Institute, Inc.;
1,196	20230226171	2021-02-22	RECOMBINANT VACCINE AGAINST COVID-19 BASED ON A PARAMYXOVIRUS VIRAL VECTOR	Bernardo LOZANO-DUBERNARD; Ernesto SOTO-PRIANTE; David SARFATI-MIZRAHI; Felipa CASTRO-PERALTA; Georgina PAZ-DE LA ROSA; Peter PALESE; Adolfo GARCIA-SASTRE; Florian KRAMMER; Weina SUN;	
1,197	20230089828	2021-02-21	USE OF EARLY APOPTOTIC CELLS FOR TREATING COVID-19	Shai NOVIK; Dror MEVORACH;	ENLIVEX THERAPEUTICS R&D LTD;
1,198	20210190797	2021-02-19	Methods and reagents for diagnosis of SARS-CoV-2 infection	Claudia MESSING; Katja Steinhagen; Erik Lattwein; Konstanze Siba; Fabian Lindhorst; Eva Neugebauer; Marcel Müller; Victor Corman;	EUROIMMUN Medizinische Labordiagnostika AG; Charité - Universitätsmedizin Berlin;
1,199	20230109393	2021-02-19	DESIGNER PEPTIDES AND PROTEINS FOR THE DETECTION, PREVENTION AND TREATMENT OF CORONAVIRUS DISEASE, 2019 (COVID-19)	Chang Wang; Feng Lin; Shuang Ding; Wen-Jiun Peng;	
1,200	20210338804	2021-02-19	Vaccine Compositions For Preventing Coronavirus Disease	Christopher Parks; Maoli Yuan; Mark Feinberg; Amy Espeseth; Andrew Bett;	International AIDS Vaccine Initiative Inc.; Merck Sharp & Dohme Corp.;

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1,201	20210292856	2021-02-18	COMPOSITIONS, KITS AND METHODS FOR DETECTION OF VIRAL SEQUENCES	Kelly LI; Ioanna PAGANI; Pius BRZOSKA; Jisheng LI; Chunling WANG; Kathleen HAYASHIBARA; Michael TANNER; Hong JI; Kamini VARMA; Fangqi HU; Robert TEBBS;	
1,202	20240108715	2021-02-17	2019-NCOV (SARS-COV-2) VACCINE	Gaurav GUPTA; Reinhard GLUECK;	
1,203	20230242591	2021-02-12	REGULATORY T CELL EPITOPES AND DETOLERIZED SARS-COV-2 ANTIGENS	Anne De Groot; William Martin;	
1,204	20230190915	2021-02-12	T CELL EPITOPES AND RELATED COMPOSITIONS USEFUL IN THE PREVENTION, DIAGNOSIS, AND TREATMENT OF COVID-19	Anne De Groot; William Martin;	
1,205	20230151061	2021-02-12	T CELL EPITOPE CLUSTERS AND RELATED COMPOSITIONS USEFUL IN THE PREVENTION, DIAGNOSIS, AND TREATMENT OF COVID-19	Anne De Groot; William Martin;	
1,206	20230084300	2021-02-12	PREVENTION AND TREATMENT OF INFECTIONS INCLUDING THOSE CAUSED BY CORONAVIRUS	Glen MARTYN; Jakob KAMPINGA; Thomas KLEEN;	
1,207	20230021583	2021-02-12	MEASLES-VECTORED COVID-19 IMMUNOGENIC COMPOSITIONS AND VACCINES	NICOLAS Robert; Xavier ESCRIOU; FREDERIC TANGY; CHRISTIANE GERKE;	
1,208	20210260180	2021-02-12	CORONAVIRUS IMMUNOGENIC COMPOSITIONS AND USES THEREOF	Bertrand Victor Gilbert Georges; M Roberts;	Altimune, Inc;
1,209	20210260181	2021-02-12	CORONAVIRUS IMMUNOGENIC COMPOSITIONS AND USES THEREOF	Bertrand Victor Gilbert Georges; M Roberts;	Altimune, Inc;
1,210	20210244746	2021-02-12	COMPOSITIONS AND METHODS FOR TREATING CORONAVIRUS INFECTIONS	Jodi Craig;	
1,211	20230113170	2021-02-11	SARS-COV-2 VACCINE	Barney Graham; Kizzmekia Corbett; Olubukola Abiona; Geoffrey Hutchinson; Jason McLellan; Daniel Wrapp; Nianshuang Wang;	The United States of America, as represented by the Secretary, Department of Health and Human; Board of Regents, The University of Texas System; Trustees of Dartmouth College;
1,212	20210277092	2021-02-11	HUMAN MONOCLONAL ANTIBODIES TO SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV-2)	James Crowe, JR; Seth Zost; Robert Carnahan; Pavlo Gilchuk;	Vanderbilt University;
1,213	20230348570	2021-02-10	EPIOTOPE OF ANTIBODY AGAINST STRUCTURAL PROTEIN OF SARS-COV-2, ANTIBODY REACTING WITH EPIOTOPE, METHOD FOR DETECTING SARS-COV-2 USING ANTIBODY, DETECTION KIT FOR SARS-COV-2 CONTAINING ANTIBODY, METHOD FOR DETECTING ANTI-SARS-COV-2 ANTIBODY CONTAINING POLYPEPTIDE OF EPIOTOPE, DETECTION KIT FOR ANTI-SARS-COV-2 ANTIBODY CONTAINING POLYPEPTIDE OF EPIOTOPE, VACCINE FOR SARS-COV-2 CONTAINING POLYPEPTIDE OF EPIOTOPE, AND THERAPEUTIC AGENT FOR SARS-COV-2 INFECTION CONTAINING ANTIBODY	Shinya OGASAWARA;	Denka Company Limited;
1,214	20230103352	2021-02-10	METHODS OF USE OF SOLUBLE CD24 FOR TREATING SARS-COV-2 INFECTION	Xianfeng Fang; Yang Liu; Pan Zheng; Martin Devenport; Dongling Li; Libing Mu;	Oncoimmune, Inc.;
1,215	20210260201	2021-02-10	EXTRACELLULAR VESICLES FOR THE TREATMENT AND PREVENTION OF INFECTIONS AND OTHER DISEASES	Angela Chukly; Emery Chukly;	PHYSIS BIOTECHNOLOGIES, LLC;
1,216	20210244811	2021-02-10	COMPOSITIONS IMMUNOGENIC AGAINST SARS CORONAVIRUS 2, METHODS OF MAKING, AND USING THEREOF	Honglin Chen; Pui Wang; Zhiwei Chen; Kowk-Yong Yuen;	
1,217	20230183207	2021-02-09	COMPOUNDS FOR THE TREATMENT OF SARS	Arun Ghosh; Hiroaki Mitsuya;	
1,218	20230346914	2021-02-06	SARS-COV-2 MRNA DOMAIN VACCINES	Guillaume Stewart-Jones; Andrea Carfi; Sayda Elbashir; Mihir Metkar;	ModernaTX, Inc.;
1,219	20230227537	2021-02-05	CORONA VIRUS BINDERS	Bert SCHEPENS; Xavier SAELENS; Nico CALLEWAERT; Dorien DE VLIJGER; Loes VAN SCHIE; Wim NERINCKX; Kenny ROOSE; Wander VAN BREEDAM; Hannah EECKHAUT; Daria FIJALKOWSKA; Chiara LONIGRO; Sieglinde DE CAE; Bruno DOMBRECHT; Catelijne STORTELERS; Johan NEYTS; Leen DELANG; Suzanne KAPTEIN; Joana DUARTE DA ROCHA PEREIRA; Barney GRAHAM; Jason MCLELLAN; Daniel WRAPP; Han REMAUT;	
1,220	20230158021	2021-02-04	SARS-CoV-2 Antiviral Pharmaceutical Composition and Application Thereof	Alexandre Ivachtchenko; Andrey Ivashchenko; Nikolay Savchuk; Alena Ivachtchenko; Dmitrii Kravchenko; Tagir Sitdekov; Aleksei Il'in; Natalia Papazova;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,221	20220042987	2021-02-03	SEVERE ACUTE RESPIRATORY SYNDROME (SARS) - ASSOCIATED CORONAVIRUS DIAGNOSTICS	Sylvie VAN DER WERF; Nicolas ESCRIOU; Caroline DEMERET; Stéphane PETRES; Pierre LAFAYE; Jacques BELLALOU;	INSTITUT PASTEUR;
1,222	20220331420	2021-02-02	AD35-VECTORED VACCINE FOR PREVENTING SARS-COV-2 INFECTION	Ling Chen; Suhua Guan; Chenchen Yang; Qian Wang;	
1,223	20230127808	2021-02-02	AD7-VECTORED VACCINE FOR PREVENTING SARS-COV-2 INFECTION	Ling Chen; Suhua Guan; Chenchen Yang; Qian Wang;	
1,224	20230113992	2021-02-02	USE OF BACTERIAL COMPOSITIONS IN THE TREATMENT AND PROPHYLAXIS OF AIRWAY DISEASES	Claudio DE SIMONE;	
1,225	20240009159	2021-02-01	ANTIVIRAL COMPOSITION FOR SARS-COV-2 AND HCOV-OC43 COMPRISING RHEIN, MECLOFENAMIC ACID, OR A COMBINATION THEREOF	V KIM; Dongwan KIM; Hyunjoon KIM;	
1,226	20230075527	2021-01-30	Compositions and Methods for Preventing and Treating Coronavirus Infection - Sars-Cov-2 Vaccines	Dan BAROUCH; Johannes Petrus Maria LANGEDIJK; Lucy RUTTEN; Mark Johannes Gerardus BAKKERS; Rinke BOS; Frank WEGMANN; David Adrianus Theodorus Maria ZUIJDGEEST; An VANDEBOSCH; Mathieu Claude Michel LE GARS; Jerald SADOFF;	
1,227	20230355745	2021-01-29	CORONAVIRUS-DERIVED RECEPTOR-BINDING DOMAIN VARIANT HAVING REDUCED ACE2-BINDING AFFINITY AND VACCINE COMPOSITION COMPRISING THE SAME	Myoung JANG; Jae PARK; Young CHOI; Young PARK; Gil-Jung KIM; Seung JEONG; Yeon PARK; Su LEE;	
1,228	20230172961	2021-01-29	THERAPEUTICS FOR COVID-19	Jingyue Ju; Steffen Jockusch; Chuanjuan Tao; Minchen Chien; James Russo; Shiv Kumar; Xiaoxu Li; Xuanting Wang;	The Trustees of Columbia University in the City of New York;
1,229	20240082387	2021-01-29	FUSION PROTEIN COMPRISING CORONAVIRUS-DERIVED RECEPTOR-BINDING DOMAIN AND NUCLEOCAPSID PROTEIN, AND USE THEREOF	Myoung JANG; Jae PARK; Young CHOI; Young PARK; Gil-Jung KIM; Seung JEONG; Su LEE;	
1,230	20230117167	2021-01-27	DEOPTIMIZED SARS-CoV-2 AND METHODS AND USES THEREOF	Steffen Mueller; John Coleman; Ying Wang; Chen Yang;	CODAGENIX INC.; SERUM INSTITUTE OF INDIA PRIVATE LIMITED;
1,231	20220380769	2021-01-25	METHODS, COMPOSITIONS, AND VACCINES FOR TREATING A VIRUS INFECTION	Thomas EQUELS; David STRAYER; Diane YOUNG;	AIM ImmunoTech Inc.;
1,232	20230349006	2021-01-20	COMPOSITIONS AND METHODS FOR DETECTING SARS-CoV-2	Fuk Woo Jasper Chan; Kai Wang Kelvin To; Kwok Yuen;	
1,233	20220409694	2021-01-11	POLYPEPTIDE, AND PREPARATION METHOD THEREFOR AND USE THEREOF	Lu LU; Shibo JIANG; Shuai XIA; Xia YANG;	
1,234	20220347127	2021-01-11	USE OF ANTIDEPRESSANT AGENTS FOR PREVENTING AND TREATING THE COVID-19 DISEASE	Nicolas HOERTEL; Frederic LIMOSIN; Marina SANCHEZ RICO;	
1,235	20220372113	2021-01-07	NANO ANTIBODY FOR NEUTRALIZING TOXICITY OF SARS-COV-2 AND PREPARATION METHOD AND APPLICATION THEREOF	Wenchao ZHUANG; Fusheng LI; Qianhui LI; Zhi LING; Yunxing ZHAO;	
1,236	20210129144	2020-12-30	SYSTEM FOR IDENTIFYING SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS 2 (SARS-COV-2) RIBONUCLEIC ACID (RNA)	Michael BOUCHARD; Steven BRUZEK; Chelsea KNAPP; Lauren McDANIEL; Jessica SMALL; Robert ULRICH; Victoria WAGNER;	
1,237	20210130886	2020-12-30	METHOD OF IDENTIFYING SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS 2 (SARS-COV-2) RIBONUCLEIC ACID (RNA)	Michael BOUCHARD; Steven BRUZEK; Chelsea KNAPP; Lauren McDANIEL; Jessica SMALL; Robert ULRICH; Victoria WAGNER;	
1,238	20220204590	2020-12-30	Antibody-based blockage of SARS-CoV-2-specific furin cleavage site	Weiwei Li; Jessica Li; William Lee;	
1,239	20230044958	2020-12-22	METHOD OF TREATING VIRUS INFECTION USING A TLR7 AGONIST	Qingyan BO; Yuyan JIN; Gaurav TYAGI; Yonghong ZHU;	Hoffmann-La Roche Inc.;
1,240	20230372458	2020-12-17	ANTIVIRAL AGENT FOR COMBINED THERAPY OF COVID-19 (SARS-COV-2)	Alexandre IVACHTCHENKO; Nikolay SAVCHUK; Alena IVACHTCHENKO; Vladimir LOGINOV; Mikhail TOPR; Andrey IVASHCHENKO;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,241	20210292393	2020-12-09	Anti-Coronavirus Antibodies and Methods of Use	Kathryn WESTENDORF; Stefanie ZENTELIS; Krithika MUTHURAMAN; Kevin JEPSON; Ester FALCONER; John MASCOLA; Barney GRAHAM; Kizzmekia CORBETT; Julie LEDGERWOOD; Lingshu WANG; Olubukola ABIONA; Wei SHI; Wing-pui KONG; Yi ZHANG; Bryan JONES; Denisa FOSTER; Julian DAVIES; Qing CHAI; Christopher FRYE; Ganapathy GOPALRATHNAM; Jörg HENDLE; John SAUDER; Jeffrey BOYLES; Anna PUSTILNIK;	AbCellera Biologics Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Servi;
1,242	20230241204	2020-12-01	POLYPEPTIDE VACCINE COUPLED WITH TLR7 AGONIST FOR NOVEL CORONAVIRUS AND USE THEREOF	Likun GONG; Jin REN; Guangyi JIN; Wei HUANG; Qiuping QIN; Yiru LONG; Jianhua SUN; Tingting LIU; Feng TANG; Peng ZHU;	
1,243	20220168282	2020-12-01	INHIBITION OF COVID-19 VIRUS	Gene Zaid; Robert Moore; Cameron West; Jason West; Krishna Donavalli;	Ankh Life Sciences Limited;
1,244	20220389064	2020-11-20	SARS-COV-2 RECOMBINANT RBD PROTEIN, AND PREPARATION METHOD THEREFOR	Xiaotao LIN; Qiulian RUAN; Zhihao XING; Chungeng QIAN; Kunhui HU;	
1,245	20220372083	2020-11-20	SARS-COV-2 RECOMBINANT N PROTEIN, AND PREPARATION METHOD AND PURIFICATION METHOD THEREFOR	Xiaotao LIN; Chunlei LUO; Sai ZHANG; Chungeng QIAN; Kunhui HU;	
1,246	20230220052	2020-11-20	IGA ANTIBODY SPECIFICALLY RECOGNIZING RBD PROTEIN AND TESTING KIT	Fangming CHENG; Xiaotao LIN; Zhisheng DANG; Liqiang WU; Chungeng QIAN; Kunhui HU;	
1,247	20210277488	2020-11-20	CDI Enhanced COVID-19 Test	Yanan Zhao; David Perlin; Steven Park;	Hackensack Meridian Health, Inc.;
1,248	20210299208	2020-11-19	SYSTEMS, METHODS, AND KITS FOR DIAGNOSTICS AND TREATMENT OF VIRAL RESPIRATORY INFECTION	Ofer Goren; John McCoy;	
1,249	20220050105	2020-11-12	METHOD AND APPARATUS FOR DETECTING VIRUSES IN BIOLOGICAL SAMPLES	Taotao Lao; Jiang Xu;	
1,250	20220142269	2020-11-06	Protective Apparatuses for Minimizing Risk of Transmission of Infection and Associated Systems and Methods	James Orrington, II; Michael Prince; Hyunchul Kim; McKayla Barber;	
1,251	20210353469	2020-11-04	Protective Apparatuses for Minimizing Risk of Transmission of Infection and Associated Systems	James Orrington, II;	
1,252	20220370390	2020-10-31	LIQUID ORAL FORMULATION OF BUMETANIDE	Yehezkel BEN-ARI; Denis RAVEL; Gérard DAMIEN;	NEUROCHLORE;
1,253	20220370535	2020-10-30	ANTIVIRAL ESSENTIAL OIL COMPOSITIONS	Hüseyin ERDOGMUS; Asli AYDIN; Devrim SON; Frank ALTINEL;	
1,254	20240058380	2020-10-22	CORONA VIRUS-SPECIFIC T CELL RECEPTOR FUSION CONSTRUCTS, VECTORS ENCODING THE SAME, T CELLS COMPRISING THE SAME AND USES THEREOF	Wolfgang SCHAMEL; Ira GODBOLE; Sascha YOUSEFI; Kevin CIMINSKI; Martin SCHWEMMLE;	
1,255	20230398204	2020-10-21	Coronavirus Spike Glycoprotein With Improved Expression and Stability	Erica Sapphire; Eduardo Olmedillas; Colin Mann;	
1,256	20220120737	2020-10-21	METHOD FOR DETECTING SARS-COV-2-SPECIFIC SERUM HUMAN IMMUNOGLOBULINS	Ruo-Pan Huang;	
1,257	20220008519	2020-10-19	TREATMENT OF SEVERE ACUTE RESPIRATORY SYNDROME-RELATED CORONAVIRUS INFECTION WITH KLOTHO	Román Macaya Hayes;	
1,258	20240122934	2020-10-16	COMPOSITIONS AND METHODS OF TREATMENT FOR INHIBITING CAPILLARY TUBE REGRESSION	George Davis; Gretchen Koller;	
1,259	20210220377	2020-10-14	USE OF SUBSTITUTED AMINOPROPIONATE COMPOUNDS IN TREATMENT OF SARS-COV-2 INFECTION	Wu ZHONG; Ruiyuan Cao; Gengfu Xiao; Zhihong Hu; Manli Wang; Leike Zhang; Wei Li; Yuexiang Li; Lei Zhao; Shiyong Fan; Song Li;	Academy of Military Medical Sciences;
1,260	20220113305	2020-10-14	SYSTEM, APPARATUS, AND METHOD FOR VIRAL MONITORING IN EFFLUENT	Morton MOWER;	

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#	Pub. No	Filed	Title	Inventors	Assignees
1,261	20220108773	2020-10-07	SYSTEMS AND METHODS FOR GENOME ANALYSIS AND VISUALIZATION	Boxiang LIU; Kaibo LIU; He ZHANG; Liang ZHANG; Yuchen BIAN; Liang HUANG;	Baidu USA LLC;
1,262	20220072031	2020-10-05	TREATMENT OF VIRAL INFECTION	Isaac Eliaz;	Econugenics, Inc.;
1,263	20240192196	2020-09-30	NOVEL CORONAVIRUS SARS-CoV-2 SAFE REPLICON SYSTEM AND USE THEREOF	Hui ZHANG; Yuewen LUO;	
1,264	20220096624	2020-09-29	EXTRACELLULAR VESICLES HARBORING A SPIKE PROTEIN, NUCLEIC ACIDS FOR PRODUCING THE SAME, AND METHOD OF IMMUNIZING A SUBJECT AGAINST SARS-CoV-2 USING THE SAME	Bernadette TRENTIN; Katarzyna POLAK; Zaïne El Abiddine Robert MAMOUN;	CILOA;
1,265	20210088517	2020-09-29	MULTIPLEX HIGH-THROUGHPUT FLOW CYTOMETRY DETECTION OF SARS-COV-2-SPECIFIC IgG, IgA AND IgM	Ruo-Pan Huang; Benyue Zhang;	
1,266	20210363602	2020-09-28	Method and diagnostic kit for multiple detection of viruses of the Coronaviridae family: SARS-CoV-2, SARS-CoV, HCoV and MERS-CoV	FRANCESCO INCHINGOLO; ANDREA BALLINI; CIRO ISACCO; GIANNA DIPALMA; ALESSIO INCHINGOLO; ANGELO INCHINGOLO; CAO DIEM KIEU NGUYEN; HUNG PHAM;	UNIVERSITA? DEGLI STUDI ALDO MORO; UNIVERSITY PHAN CHAU TRINH;
1,267	20220016222	2020-09-24	SPHINGOID COMPOUNDS FOR PROPHYLAXIS AND/OR THERAPY OF CORONAVIRIDAE INFECTION	Erich Gulbins;	
1,268	20220340880	2020-09-23	A method for obtaining pluripotent stem cell-derived airway basal-like cells and an airway epithelium model	Ivo DJIDROVSKI; Lyle ARMSTRONG;	
1,269	20210003528	2020-09-18	HANDHELD SENSOR FOR RAPID, SENSITIVE DETECTION AND QUANTIFICATION OF SARS-CoV-2 FROM SALIVA	Josephine Esquivel-Upshaw; Fan Ren; Stephen Pearton; Steven Ghivizzani; Samira Camargo; Chaker Fares; Minghan Xian; Patrick Carey; Jenshan Lin; Siang-Sin Shan; Yu-Te Liao; Shao-Yung Lu;	
1,270	20230233665	2020-09-18	ANTI- SARS-COV-2-INFECTION PROTEIN AND VACCINE	Xiawei WEI; Guangwen LU; Wei WANG; Jinliang YANG; Li YANG; Jiong LI; Jingyun YANG; Yuquan WEI; Zhenling WANG; Zhiwei ZHAO; Guobo SHEN;	
1,271	20210369835	2020-09-16	Method of Vaccination for SARS Virus	Shawne Forrest;	
1,272	20220089691	2020-09-15	ANTI-SARS-COV-2 ANTIBODIES AND APPLICATION THEREOF	Szu-Chia LAI; Yu-Yine Huang; Yi-Ling Chen; Jiunn-Jye Wey; Po-Shiuan Hsieh; Meng-Hung Tsai; Jyh-Hwa Kau;	
1,273	20210214809	2020-09-12	ONE-STEP DETECTION KIT FOR MOLECULAR DIAGNOSTICS OF SARS-COV-2 VIRUS	Jun Lin; Liqun Chen; Wenqian Jiang; Linteng Zhang; Jiamin Huang; Shang Gao;	
1,274	20220354877	2020-09-10	APPLICATION OF TANNIC ACID IN PREPARATION OF MEDICAMENT AGAINST RESPIRATORY VIRUSES	JUN FU;	SUNTRAP LIFE TECHNOLOGIES LTD.;
1,275	20220072210	2020-09-10	TREATMENT OF VIRAL INFECTION BY APHERESIS	Isaac ELIAZ;	ELIAZ THERAPEUTICS, INC.;
1,276	20220076137	2020-09-10	QUERY-BASED MOLECULE OPTIMIZATION AND APPLICATIONS TO FUNCTIONAL MOLECULE DISCOVERY	Samuel Hoffman; Enara Vijil; Pin-Yu Chen; Payel Das; Kahini Wadhawan;	
1,277	20220008585	2020-09-09	COVID-19 DISINFECTANT HAND-HELD PORTABLE MISTING SPRAYER SYSTEM METHOD AND DEVICES	Steven Yamashiro; Enrique Alabata;	
1,278	20220378778	2020-09-04	Use of Berbamine or its Analogue for Preventing or Treating RNA Virus Infection	Jianbo Yue; Lihong Huang; Qingru Zhang;	
1,279	20220323471	2020-08-28	GLYCOSYLATED DIPHYLLIN AS A BROAD-SPECTRUM ANTIVIRAL AGENT AGAINST ZIKA VIRUS AND COVID-19	Felipe DIAZ-GRIFFERO;	
1,280	20200397936	2020-08-24	Systems and Methods For Internet-Of-Things (IOT) Robotic Sterilization Device	Yani Deros; Jodi Deros;	

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1,281	20220347289	2020-08-19	NUCLEOTIDE SEQUENCES ENCODING PEPTIDE ANTIGENS OF SARS-COV-2 VIRUS AND USE THEREOF	Ling Chen; Suhua Guan; Chenchen Yang; Xiaolin Liu;	
1,282	20210283244	2020-08-19	ADENOVIRUS-VECTORED VACCINE FOR PREVENTING SARS-COV-2 INFECTION	Ling Chen; Suhua Guan; Chenchen Yang; Xiaolin Liu;	
1,283	20230070752	2020-08-19	NOVEL INTERFERON LAMBDA VARIANT AND METHOD OF PRODUCING THE SAME	Ho KIM; Jae-Hee CHUNG; Eui-Cheol SHIN; Seon-Hui HONG;	
1,284	20210324392	2020-08-17	ORAL VACCINES EXPRESSED IN YEAST FOR COVID-19	Dominic Man-Kit Lam; Jie Liu;	
1,285	20220049283	2020-08-14	Method of detecting SARS-CoV-2 cleavage targeted proprotein convertase and facilitated protease activity	Weiwei Li; Jessica Li; William Lee;	
1,286	20220040291	2020-08-10	HCoV VACCINE FOR IMPROVING IMMUNITY AGAINST SARS-COV-2 INFECTION	Timothy Moore; Cullen Moore;	
1,287	20220042985	2020-08-06	SARS-CoV-2 IgG/IgM ANTI-BODY DETECTION KIT	Boqing Zhang; Zhenghu Jia;	
1,288	20220168276	2020-08-05	Mehods and Compositions for Treating SARS-CoV-2 Infection using Carboxyamidotriazole Orotate	Rashida Karmali;	Tactical Therapeutics Inc.;
1,289	20230373369	2020-07-30	SYSTEM FOR MINIMIZING RISK OF TRANSMISSION OF INFECTION	James Orrington, II; Michael Prince; Hyunchul Kim;	
1,290	20210353468	2020-07-30	METHODS FOR MINIMIZING RISK OF TRANSMISSION OF INFECTION	James Orrington, II;	
1,291	20210354610	2020-07-30	SYSTEM FOR MINIMIZING RISK OF TRANSMISSION OF INFECTION	James Orrington, II;	
1,292	20210322540	2020-07-23	ORAL VACCINES EXPRESSED IN YEAST FOR COVID-19	Dominic Man-Kit Lam; Jie Liu;	
1,293	20210311054	2020-07-23	SEVERE ACUTE RESPIRATORY SYNDROME (SARS) - ASSOCIATED CORONAVIRUS DIAGNOSTICS	Sylvie VAN DER WERF; Nicolas ESCRIOU; Caroline DEMERET; Stéphane PETRES; Pierre LAFAYE; Jacques BELLALOU;	
1,294	20210341467	2020-07-20	PORTABLE DEVICES AND METHODS FOR DETECTING AND IDENTIFYING COMPOUNDS IN SALIVA	Raj Reddy;	
1,295	20220365085	2020-07-17	BIORECEPTOR MOLECULES, THE USE OF BIORECEPTOR MOLECULES, SENSORS CONTAINING ELECTRODES MODIFIED WITH THE SAID BIORECEPTOR MOLECULES AND THE DETECTION METHOD OF SARS-COV-2 VIRUS	Wioleta BIALOBRZESKA; Daniel BIGUS; Zofia CEBULA; Izabela ZALUSKA; Joanna KRECZKO-KURZAWA; Marcell MAKARUK; Malgorzata BIEDULSKA; Marta SOSNOWSKA; Katarzyna PALA; Dawid NIDZWORSKI; Krzysztof URBANSKI; Paulina JANICKA; Tomasz LEGA; Yanina DASHKEVICH; Kamil WÓJCIK; Grzegorz HENIG;	SENSDX SPÓŁKA AKCYJNA;
1,296	20200347465	2020-07-17	DETECTION OF SARS-COV-2 IN A PLURALITY OF BIOLOGICAL SAMPLES	Michael SCHMIDT; Erhard SEIFRIED; Sandra CIESEK; Annemarie BERGER;	
1,297	20210381067	2020-07-16	NUCLEIC ACID AMPLIFICATION AND DETECTION WITH ATTENUATING PROBE	Xing SU; Kai WU;	
1,298	20230210807	2020-07-15	USE OF BENZOATE COMPOUND IN TREATMENT OF SARS-COV-2 INFECTIONS	Wu ZHONG; Ruiyuan CAO; Gengfu XIAO; Zhihong HU; Manli WANG; Leike ZHANG; Wei Li; Yuexiang Li; Lei ZHAO; Shiyong FAN; Song Li;	
1,299	20230077704	2020-07-15	APPLICATION OF NITAZOXANIDE AND ACTIVE FORM THEREOF, TIZOXANIDE, IN TREATMENT OF SARS-COV-2 INFECTION	Wu Zhong; Gengfu Xiao; Zhihong Hu; Manli Wang; Ruiyan Cao; Leike Zhang; Wei Li; Yuexiang Li; Lei Zhao; Song Li;	
1,300	20230071014	2020-07-15	APPLICATION OF RITONAVIR IN TREATING SARS-COV-2 INFECTION	Wu Zhong; Zhihong Hu; Gengfu Xiao; Ruiyuan Cao; Manli Wang; Leike Zhang; Wei Li; Shiyong Fan; Song Li;	

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1,301	20230119764	2020-07-13	APPLICATION OF DIMETHYL BERBAMINE COMPOUND IN INHIBITION OF SARS-COV-2	Wu Zhong; Chengfeng Qin; Xinbo Zhou; Yongqiang Deng; Jiqiang Hu; Qingping Jin; Bin Yu; Ruiyuan Cao; Manli Wang; Xiaofeng Li; Nana Zhang; Shiyong Fan; Zhihong Hu; Song Li;	
1,302	20220305111	2020-07-13	IMMUNOBIOLOGICAL AGENT FOR INDUCING SPECIFIC IMMUNITY AGAINST SEVERE ACUTE RESPIRATORY SYNDROME VIRUS SARS-COV-2	Olga ZUBKOVA; Tatiana OZHAROVSKAIA; Inna DOLZHIKOVA; Olga POPOVA; Dmitrii SHCHEBLIAKOV; Daria GROUSOVA; Alina DZHARULLAEVA; Amir TUKHVATULIN; Natalia TUKHVATULINA; Dmitrii SHCHERBININ; Ilias ESMAGAMBETOV; Elizaveta TOKARSKAYA; Andrei BOTIKOV; Sergey BORISEVICH; Boris NARODITSKY; Denis LOGUNOV; Aleksandr GINTSBURG;	FEDERAL STATE BUDGETARY INSTITUTION "NATIONAL RESEARCH CENTER FOR EPIDEMIOLOGY AND MICROBIOLOGY;
1,303	20210338715	2020-07-13	PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF COVID-19	Andreas Kalcker;	
1,304	20210015837	2020-07-13	Method of Manufacturing an antiviral super treatment	Vivi Stafford;	
1,305	20210353467	2020-07-09	SYSTEM FOR MINIMIZING RISK OF TRANSMISSION OF INFECTION	James Orrington, II;	
1,306	20220241324	2020-07-02	THERAPEUTIC USES OF OXIDISING HYPOTONIC ACID SOLUTIONS	Giorgio REINER; Paolo Galfetti; Roberto DE NONI;	
1,307	20220000913	2020-07-02	Enteric Use of Potassium Permanganate in Humans and Animals	Sidney Fierro; Frank Fierro;	
1,308	20230158020	2020-06-30	Method for treating RNA viral infections, including COVID-19 (SARS-CoV-2)	Alexandre Ivaschenko; Andrey Ivashchenko; Nikolay Savchuk; Alena Ivachtchenko; Dmitrii Kravchenko; Tagir Sitdekov;	
1,309	20230060040	2020-06-29	USE OF TRANSFERRIN, TRANSFERRIN RECEPTOR AND ANTIBODY THEREOF IN PREPARATION OF ANTI-SARS-CoV-2 DRUG	Ren LAI; Xiaozhong PENG; Xiaopeng TANG; Zhiyi LIAO; Shuaiyao LU; Hongqi LIU;	
1,310	20210292854	2020-06-25	POLYNUCLEOTIDES FOR AMPLIFICATION AND DETECTION OF SARS-COV-2	Nadya Andini; Kathy Chiu; Xuwen Jiang; Hédia Maamar;	
1,311	20210393681	2020-06-22	Treatment of SARS-CoV-2 with Dendritic Cells for Innate and/or Adaptive Immunity	Thomas Ichim; Timothy Dixon; James Veltmeyer;	Therapeutic Solutions International, Inc.;
1,312	20220323537	2020-06-22	USE OF INTERFERENCE PEPTIDE IN PREPARATION OF ANTI-SARS-CoV-2 MEDICAMENT	Ren LAI; Xiaopeng TANG; Zhiyi LIAO;	
1,313	20210292296	2020-06-22	1,2,4-Trioxane compounds and compositions comprising the same for use in the treatment of COVID-19	Peter Seeberger; Kerry Gilmore; Adam Maust;	
1,314	20230221337	2020-06-18	METHOD FOR TESTING AGGRAVATION RISK OF PERSON INFECTED WITH NOVEL CORONAVIRUS, TEST KIT THEREFOR, COMPANION DIAGNOSTIC DRUG AND AGGRAVATION RISK MARKER THEREOF	Daisuke KATAGIRI; Eisei NOIRI; Norio OHMAGARI; Takeshi SUGAYA;	NATIONAL CENTER FOR GLOBAL HEALTH AND MEDICINE; TIMEWELL MEDICAL Co., Ltd.;
1,315	20230227844	2020-06-15	CELL-MEDIATED SARS-COV-2 VACCINES, AND PREPARATION AND USE THEREOF	Xiushan YIN; Junhua LIU;	
1,316	20230022109	2020-06-15	RECOMBINANT NOVEL CORONAVIRUS VACCINE USING REPLICATION-DEFICIENT HUMAN ADENOVIRUS AS VECTOR	Wei Chen; Shipo Wu; Lihua Hou; Zhe Zhang; Busen Wang; Qiang Guo; Jinlong Zhang; Xiaohong Song; Ling Fu; Jun Zhang; Yi Chen; Zhenghao Zhao; Tao Zhu; Jin Li; Chunlin Xin;	ACADEMY OF MILITARY MEDICAL SCIENCE, PLA; CANSINO BIOLOGICS INC.;
1,317	20220251134	2020-06-12	2,4,7-SUBSTITUTED-7-DEAZA-2'-DEOXY-2'-FLUOROARABINOSYL NUCLEOSIDE AND NUCLEOTIDE PRO-DRUGS AND USES THEREOF	Omar Moukha-Chafiq; Larry Bratton; Corinne Augelli-Szafran; Mark Suto;	
1,318	20210364536	2020-06-11	LATERAL FLOW IMMUNOASSAY TEST READER AND METHOD OF USE	William BUSA; Phillip COELHO; Paul GETCHEL;	
1,319	20220002824	2020-06-03	PRIMER SETS, BIOMARKERS, KIT AND APPLICATIONS THEREOF	Bishwajit KUNDU; Akhilesh MISHRA; Parul GUPTA; Ashutosh PANDEY; Prashant PRADHAN; Manoj MENON; James GOMES; Vivekanandan PERUMAL; Sonam DHAMIJA;	Indian Institute of Technology Delhi; Indian Institute of Technology Delhi;
1,320	20210322382	2020-06-03	METHODS AND COMPOSITIONS FOR IMPROVED TREATMENT OF SINUS DISEASE	Joseph CAPRIOTTI DECIO; Belachew TESSEMA;	Veloce BioPharma LLC;

PATENT APPLICATION PUBLICATIONS

#	Pub. No	Filed	Title	Inventors	Assignees
1,321	20230218606	2020-06-02	USE OF 4-AMINOQUINOLINE COMPOUND IN TREATMENT OF CORONAVIRUS INFECTION	Wu Zhong; Gengfu Xiao; Zhihong Hu; Manli Wang; Leike Zhang; Ruiyuan Cao; Wei Li; Shiyong Fan; Xinbo Zhou; Song Li;	
1,322	20210368890	2020-06-02	Antiviral Face Mask	Raul BRIZUELA;	
1,323	20210371941	2020-06-02	SYSTEMS AND METHODS FOR DETECTION OF LOW-COPY NUMBER NUCLEIC ACIDS	Pero Dimsoski;	
1,324	20210215693	2020-06-02	Method and System for Identifying Human Individuals Infected with COVID-19 as Being at High Risk of Progression to Severe or Critical Disease	Roni Amiel;	
1,325	20210353536	2020-05-26	Applying Fluoride for Treating or Preventing Viral Infection Including SARS-CoV-2	Reynolds Delgado;	
1,326	20210311073	2020-05-14	METHODS, SYSTEMS, AND DEVICES FOR MEASURING IMMUNITY TO SARS-COV-2	Jerome LAPOINTE; Andrew SENYEI;	
1,327	20210338803	2020-05-14	DUAL-MOLECULAR DNA VACCINE COMPOSED OF A VIRAL ANTIGEN AND AN IMMUNE COSTIMULATOR	LI YU; Zhen ZENG; Lian ZENG; Mei ZHANG;	
1,328	20200268656	2020-05-14	Nebulized Ethanol for Internal Disinfecting and Improvement	Darren Rubin; Howard Rubin;	
1,329	20230181484	2020-05-11	Uses and Formulations of Cannabinoids	Reinhard Nowak; Mirko Nowak; Jesko Nowak; Norbert Pöllinger;	ADD Advanced Drug Delivery Technologies Ltd.;
1,330	20210311036	2020-05-08	METHODS, SYSTEMS, AND DEVICES FOR MEASURING IMMUNITY TO SARS-COV-2	Jerome Lapointe; Andrew Senyei;	
1,331	20230143813	2020-04-17	Use of Ovatodiolide against SARS-CoV-2	Zhen Yang; Yew-Min Tzeng; Linqi Zhang; Junmin Quan; Qing Chang; Qi Zhang; Chien-Ming Lee;	Peking University Shenzhen Graduate School; CNS Biotek Corp.; Gansu Evergreen Pharmaceuticals, Co., Ltd.;
1,332	20210388065	2020-04-15	ANTIBODIES TO SARS-CORONAVIRUS (COVID-19) S1 SPIKE PROTEIN	Yanan LU; Fei LAN; Jianqing XU; Xi ZHAO; Longfei DING; Yongheng WANG; Jinkai WAN; Shenghui XING; Joseph FERNANDEZ;	ACTIVE MOTIF SHANGHAI LIMITED; SHANGHAI PUBLIC HEALTH CLINICAL CENTER; FUDAN UNIVERSITY; SHANGHAI PUBLIC HEALTH CLINICAL CENTER;
1,333	20210315956	2020-04-09	Therapy for the Coronavirus, COVID-19 Pandemic	Anthony Okoye Chukwudi Chibuzor;	

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