

1. SARS-COV NUCLEOCAPSID PROTEIN EPITOPES AND USES THEREOF

KELVIN, David; PERSAD, Desmond; CAMERON, Cheryl; BRAY, Kurtis, R.; LOFARO, Lori, R.; JOHNSON, Camille; SEKALY, Rafick-Pierre; YOUNES, Souheil-Antoine; CHONG, Pele **Assignee:** UNIVERSITY HEALTH NETWORK; BECKMAN COULTER, INC.; UNIVERSITE DE MONTREAL; NATIONAL HEALTH RESEARCH INSTITUTES
Publication Number: WO2005103259 **Publication date:** 11/03/2005 **Kind:** Patent Application Publication

Database: WO Patents

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2. SARS-CoV-specific B-cell epitope and applications thereof

Wu, Han-Chung; Liu, I-Ju; Chiu, Chien-Yu **Assignee:** National Taiwan University **Publication Number:** US20060062804 **Publication date:** 03/23/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

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3. A RECOMBINANT SARS-COV VACCINE COMPRISING ATTENUATED VACCINIA VIRUS CARRIERS

QIN, Chuan; WEI, Qiang; GAO, Hong; TU, Xinming; CHEN, Zhiwei; ZHANG, Linqi; HO, David, D. **Assignee:** INSTITUTE OF LABORATORY ANIMAL SCIENCE OF CHINESE ACADEMY OF MEDICAL SCIENCES; THE AARON DIAMOND AIDS RESEARCH CENTER; QIN, Chuan; WEI, Qiang; GAO, Hong; TU, Xinming; CHEN, Zhiwei; ZHANG, Linqi; HO, David, D. **Publication Number:** WO2006079290 **Publication date:** 08/03/2006 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

4. Design, synthesis, and biological evaluation of novel dipeptide-type SARS-CoV 3CL protease inhibitors: Structure-activity relationship study

Thanigaimalai, Pillaiyar (Department of Medicinal Chemistry, Tokyo University of Pharmacy and Life Sciences, Tokyo 192-0392, Japan); Konno, Sho; Yamamoto, Takehito; Koizumi, Yuji; Taguchi, Akihiro; Takayama, Kentaro; Yakushiji, Fumika; Akaji, Kenichi; Kiso, Yoshiaki; Kawasaki, Yuko; Chen, Shen-En; Naser-Tavakolian, Aurash; Schön, Arne; Freire, Ernesto; Hayashi, Yoshio **Source:** *European Journal of Medicinal Chemistry*, v 65, p 436-447, 2013

Database: Chimica

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5. GENETICALLY MODIFIED PLANTS COMPRISING SARS-CoV VIRAL NUCLEOTIDE SEQUENCES AND METHODS OF USE THEREOF FOR IMMUNIZATION AGAINST SARS

CHYE, Meleen; LI, Hongye; SATHISHKUMAR, Ramalingam; POON, Litman, Leo; PEIRIS, Sriyal, Malik, Joseph **Assignee:** THE UNIVERSITY OF HONG KONG **Publication Number:** WO2005054473 **Publication date:** 06/16/2005 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

6. Genetically modified plants comprising SARS-CoV viral nucleotide sequences and methods of use thereof for immunization against SARS

Li, Hong Ye; Chye, Mee Len; Poon, Leo Lit Man; Peiris, Joseph Sriyal Malik; Ramalingam, Sathiskumar **Assignee:** The University of Hong Kong **Publication Number:** US20060053516 **Publication date:** 03/09/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

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7. CROSS-NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES TO SARS-COV AND METHODS OF USE THEREOF

LANZAVECCHIA, Antonio **Assignee:** HUMAB, LLC; LANZAVECCHIA, Antonio **Publication Number:** WO2009128963 **Publication date:** 12/17/2009 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

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8. CROSS-NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES TO SARS-COV AND METHODS OF USE THEREOF

LANZAVECCHIA, Antonio **Assignee:** HUMAB, LLC; LANZAVECCHIA, Antonio **Publication Number:** WO2009128963 **Publication date:** 10/22/2009 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

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9. How do the first days count? A case study of qatar experience in emergency risk communication during the MERS-CoV outbreak

Nour, Mohamed (Ministry of Public Health, Doha; 11111, Qatar); Alhajri, Mohd; Farag, Elmoubasher A. B. A.; Al-Romaihi, Hamad E.; Al-Thani, Mohamed; Al-Marri, Salih; Savoia, Elena **Source:** *International Journal of Environmental Research and Public Health*, v 14, n 12, December 19, 2017

Database: GEOBASE

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10. Accelerate Diagnostics and BioCheck announce commercial supply and collaboration agreement to distribute MS-FAST chemiluminescence immunoassay analyzer and SARS-CoV-2 antibody tests.

Source: *PR Newswire*, 15 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

11. Genome sequence variation analysis of two SARS coronavirus isolates after passage in Vero cell culture

Jin Weiwu (State Key Lab. for Agrobiotechnol., China Agric. Univ., Beijing, China); Hu Liangxiang; Du Zhenglin; Gao Qiang; Gao Hong; Ning Ye; Feng Jidong; Zhang Jiansan; Yin Weidong; Li Ning **Source:** *Chinese Science Bulletin*, v 49, n 17, p 1824-7, Sept. 2004

Database: Inspec

Copyright 2005, IEE

Data Provider: Engineering Village

12. Development of potent dipeptide-type SARS-CoV 3CL protease inhibitors with novel P3 scaffolds: Design, synthesis, biological evaluation, and docking studies

Thanigaimalai, Pillaiyar (Department of Medicinal Chemistry, Tokyo University of Pharmacy and Life Sciences, Tokyo 192-0392, Japan); Konno, Sho; Yamamoto, Takehito; Koiwai, Yuji; Taguchi, Akihiro; Takayama, Kentaro; Yakushiji, Fumika; Akaji, Kenichi; Chen, Shen-En; Naser-Tavakolian, Aurash; Schön, Arne; Freire, Ernesto; Hayashi, Yoshio **Source:** *European Journal of Medicinal Chemistry*, v 68, p 372-384, 2013

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

13. SARS-CoV protease inhibitors design using virtual screening method from natural products libraries

Liu, Bing (State Key Lab. of Biochem. Eng., Institute of Process Engineering, Chinese Academy of Sciences, Beijing 100080, China); Zhou, Jiaju **Source:** *Journal of Computational Chemistry*, v 26, n 5, p 484-490, April 15, 2005

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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14. SARS-CoV protease inhibitors design using virtual screening method from natural products libraries

Liu, Bing (State Key Lab. of Biochem. Eng., Institute of Process Engineering, Chinese Academy of Sciences, Beijing 100080, China); Zhou, Jiaju **Source:** *Journal of Computational Chemistry*, v 26, n 5, p 484-490, April 15, 2005

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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15. SOLUBLE FRAGMENTS OF THE SARS-COV SPIKE GLYCOPROTEIN

DIMITROV, Dimiter, S.; XIAO, Xiaodong; ZHONGYU, Zhu **Assignee:** GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH; DIMITROV, Dimiter, S.; XIAO, Xiaodong; ZHONGYU, Zhu **Publication Number:** WO2007084583 **Publication date:** 07/26/2007 **Kind:** Patent Application Publication (Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

16. Soluble fragments of the SARS-CoV spike glycoprotein

Dimitrov, Dimiter S.; Zhongyu, Zhu; Xiao, Xiaodong **Publication Number:** US20060240515 **Publication date:** 10/26/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

17. Rapid purification of anti-SARS-CoV protein N monoclonal antibody by using magnetic beads

Yuxi Yu (Dept. of Mater. Sci. & Eng., Xiamen Univ., Xiamen, China); Xianqiao Liu **Source:** *Advanced Materials Research*, v 236-238, pt.3, p 2146-9, 2011

Database: Inspec

Copyright 2012, The Institution of Engineering and Technology

Data Provider: Engineering Village

18. Soluble Fragments of The Sars-Cov Spike Glycoprotein

Dimitrov, Dimiter S.; Xiao, Xiaodong; Zhongyu, Zhu **Publication Number:** US20090304683 **Publication date:** 12/10/2009 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

19. SOLUBLE FRAGMENTS OF THE SARS-COV SPIKE GLYCOPROTEIN

DIMITROV, Dimiter S.; XIAO, Xiaodong **Assignee:** NATIONAL INSTITUTES OF HEALTH **Publication Number:** WO2005010034 **Publication date:** 02/03/2005 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

20. Dynamics of SARS-coronavirus HR2 domain in the prefusion and transition states

McReynolds, Susanna (Department of Biochemistry and Molecular Genetics, College of Medicine, University of Illinois at Chicago, Chicago, IL 60607, United States); Jiang, Shaokai; Rong, Lijun; Caffrey, Michael **Source:** *Journal of Magnetic Resonance*, v 201, n 2, p 218-221, December 2009

Database: Compendex

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21. Crystals and structures of SARS-CoV main protease

Bonanno, Jeffrey B.; Sauder, J. Michael; Fowler, Richard; Romero, Richard **Publication Number:** US20050069558

Publication date: 03/31/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

22. CRYSTALS AND STRUCTURES OF SARS-CoV MAIN PROTEASE

BONANNO, Jeffrey, B.; SAUDER, J., Michael; FOWLER, Richard; ROMERO, Richard **Assignee:** SGX PHARMACEUTICALS, INC.; BONANNO, Jeffrey, B.; SAUDER, J., Michael; FOWLER, Richard; ROMERO, Richard

Publication Number: WO2005027715 **Publication date:** 04/09/2009 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

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23. CRYSTALS AND STRUCTURES OF SARS-CoV MAIN PROTEASE

BONANNO JEFFREY B; SAUDER J MICHAEL; FOWLER RICHARD; ROMERO RICHARD **Assignee:** STRUCTURAL GENOMIX INC; BONANNO JEFFREY B; SAUDER J MICHAEL; FOWLER RICHARD; ROMERO RICHARD **Publication Number:** WO2005027715 **Publication date:** 03/31/2005 **Kind:** Patent Application

Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

24. SOLUBLE FRAGMENTS OF THE SARS-COV SPIKE GLYCOPROTEIN

DIMITROV, Dimiter, S.; XIAO, Xiaodong; ZHONGYU, Zhu **Assignee:** GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH; DIMITROV, Dimiter, S.; XIAO, Xiaodong; ZHONGYU, Zhu **Publication**

Number: WO2007084583 **Publication date:** 11/29/2007 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

25. CROSS-NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES TO SARS-CoV AND METHODS OF USE THEREOF

Lanzavecchia, Antonio **Assignee:** INSTITUTE FOR RESEARCH IN BIOMEDICINE **Publication Number:** US20110159001 **Publication date:** 06/30/2011 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

26. Interferon Alfacon1 is an Inhibitor of SARS-Corona Virus in Cell-Based Models, Antiviral Research

Paragas, J.; Blatt, L. M.; Hartmann, C.; Huggins, J. W.; Endy, T. P. (Army Medical Research Inst. of Infectious Diseases, Fort Detrick, MD.) **Report:** RPP-05-260, 5p, Jan 2005

Database: NTIS

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Data Provider: Engineering Village

27. Association between ambient temperature and COVID-19 infection in 122 cities from China

Xie, Jingui (The First Affiliated Hospital of USTC, Division of Life Sciences and Medicine, University of Science and Technology of China, Hefei, China); Zhu, Yongjian **Source:** *Science of the Total Environment*, v 724, 1 July 2020

Database: Chimica

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28. Roche Diagnostics: LightCycler SARS CoV Quantification kit launched.

Source: *Pharma Japan*, n 1873, p 24, 15 Dec 2003

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

29. Synthesis, docking studies, and evaluation of pyrimidines as inhibitors of SARS-CoV 3CL protease

Ramajayam, R. (Institute of Biological Chemistry, Academia Sinica, 128 Academia Road, Taipei 11529, Taiwan); Tan, Kian-Pin; Liu, Hun-Ge; Liang, Po-Huang **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 20, n 12, p 3569-3572, 2010

Database: Chimica

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30. Compositions of protein mimetics and methods of using same against HIV-1, SARS-coV and the like

Lu, Yi-An; Yang, Jin-Long; Yu, Qitao; Tam, James P. **Assignee:** Vanderbilt University **Publication Number:** US20050113292 **Publication date:** 05/26/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

31. COMPOSITIONS OF PROTEIN MIMETICS AND METHODS OF USING SAME AGAINST HIV-1, SARS-COV AND THE LIKE

TAM JAMES P; YU QITAO; LU YI-AN; YANG JIN-LONG **Assignee:** UNIV VANDERBILT; TAM JAMES P; YU QITAO; LU YI-AN; YANG JIN-LONG **Publication Number:** WO2005007831 **Publication date:** 01/27/2005 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

32. COMPOSITIONS OF PROTEIN MIMETICS AND METHODS OF USING SAME AGAINST HIV-1, SARS-COV AND THE LIKE

TAM, James, P.; Yu, Qitao; LU, Yi-An; YANG, Jin-Long **Assignee:** VANDERBILT UNIVERSITY; TAM, James, P.; Yu, Qitao; LU, Yi-An; YANG, Jin-Long **Publication Number:** WO2005007831 **Publication date:** 03/15/2007 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

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33. Expression of SARS-coronavirus nucleocapsid protein in Escherichia coli and Lactococcus lactis for serodiagnosis and mucosal vaccination

Pei, Huadong (State Key Laboratory of Microbial Resources, Institute of Microbiology, Chinese Academy of Sciences, Beijing, 100080, China); Liu, Jingfang; Cheng, Yun; Sun, Chaomin; Wang, Chen; Lu, Yueping; Ding, Jie; Zhou, Jian; Xiang, Hua **Source:** *Applied Microbiology and Biotechnology*, v 68, n 2, p 220-227, July 2005

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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34. NMR assignment of the nonstructural protein nsp3(1066-1181) from SARS-CoV

Serrano, P. (Dept. of Mol. Biol., Scripps Res. Inst., La Jolla, CA, United States); Johnson, M.A.; Chatterjee, A.; Pedrini, B.; Wuthrich, K. **Source:** *Biomolecular NMR Assignments*, v 2, n 2, p 135-8, Dec. 2008

Database: Inspec

Copyright 2012, The Institution of Engineering and Technology

Data Provider: Engineering Village

35. Solution structure of the severe acute respiratory syndrome-coronavirus heptad repeat 2 domain in the prefusion state ([Open Access](#))

Hakansson-McReynolds, Susanna (Department of Biochemistry and Molecular Genetics, University of Illinois at Chicago, Chicago, IL 60607, United States); Jiang, Shaokai; Rong, Lijun; Caffrey, Michael **Source:** *Journal of Biological Chemistry*, v 281, n 17, p 11965-11971, April 28, 2006

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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36. Concentration and detection of SARS coronavirus in sewage from Xiao Tang Shan hospital and the 309th Hospital of the Chinese People's Liberation Army

Wang, X.W. (Intitute of Hygiene and Environmental Medicine, Academy of Military Medical Sciences, 1 Da Li Road, Tiajin 300050, China); Li, J.; Guo, T.; Zhen, B.; Kong, Q.; Yi, B.; Li, Z.; Song, N.; Jin, M.; Xiao, W.; Zhu, X.; Gu, C.; Yin, J.; Wei, W.; Yao, W.; Liu, C.; Li, J.; Ou, G.; Wang, M.; Fang, T.; Wang, G.; Qiu, Y.; Wu, H.; Chao, F.; Li, J. **Source:** *Water Science and Technology*, v 52, n 8, p 213-221, 2005

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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37. Expression, crystallization and preliminary crystallographic study of the C-terminal half of nsp2 from SARS coronavirus

Yuanyuan Li (Nat. Lab. of Macromolecules, Chinese Acad. of Sci., Beijing, China); Zhilin Ren; Zehua Bao; Zhenhua Ming; Xuemei Li **Source:** *Acta Crystallographica, Section F (Structural Biology and Crystallization Communications)*, v F67, n 7, p 790-3, 1 July 2011

Database: Inspec

Copyright 2011, The Institution of Engineering and Technology

Data Provider: Engineering Village

38. FibroGenesis files patent using its fibroblast cell therapy for coronavirus (COVID-19) ARDS.

Source: *PR Newswire*, 10 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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39. Dynamics of SARS-coronavirus HR2 domain in the prefusion and transition states

McReynolds, Susanna (Department of Biochemistry and Molecular Genetics, College of Medicine, University of Illinois at Chicago, Chicago, IL 60607, United States); Jiang, Shaokai; Rong, Lijun; Caffrey, Michael **Source:** *Journal of Magnetic Resonance*, v 201, n 2, p 218-221, December 2009

Database: Chimica

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40. Crystallographic analysis of the N-terminal domain of Middle East respiratory syndrome coronavirus nucleocapsid protein

Yong-Sheng Wang (Dept. of Life Sci., Nat. Chung Hsing Univ., Taichung, Taiwan); Chung-ke Chang; Ming-Hon Hou

Source: *Acta Crystallographica, Section F (Structural Biology Communications)*, v F71, n 8, p 977-80, 1 Aug. 2015

Database: Inspec

Copyright 2015, The Institution of Engineering and Technology

Data Provider: Engineering Village

41. Airborne transmission of SARS-CoV-2: The world should face the reality (Open Access)

Morawska, Lidia (International Laboratory for Air Quality and Health (ILAQH), School of Earth and Atmospheric Sciences, Queensland University of Technology, Brisbane; Queensland; 4001, Australia); Cao, Junji **Source:** *Environment International*, v 139, June 2020

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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42. Dynamics of SARS-coronavirus HR2 domain in the prefusion and transition states

McReynolds, S. (Dept. of Biochem. & Mol. Genetics, Univ. of Illinois at Chicago, Chicago, IL, United States); Shaokai Jiang; Lijun Rong; Caffrey, M. **Source:** *Journal of Magnetic Resonance*, v 201, n 2, p 218-21, Dec. 2009

Database: Inspec

Copyright 2010, The Institution of Engineering and Technology

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43. NextCure provides update on clinical trial activities due to impact of COVID-19 pandemic.

Source: *globenewswire*, 13 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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44. An Imperative Need for Research on the Role of Environmental Factors in Transmission of Novel Coronavirus (COVID-19) (Open Access)

Qu, Guangbo (State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing; 100085, China); Li, Xiangdong; Hu, Ligang; Jiang, Guibin **Source:** *Environmental Science and Technology*, 2020 Article in Press

Database: Compendex

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45. A novel fingerprint map of SARS-CoV with visualization analysis

Gao, Lei (Bio-Informatics Research Center, Coll. of Info. Sci. and Technology, Donghua University, Shanghai 200051); Ding, Yongsheng; Dai, Hua; Huang, Zhende; Shao, Shihuang **Source:** *Proceedings - Third International Conference on Image and Graphics*, p 226-229, 2004, *Proceedings - Third International Conference on Image and Graphics*

Database: Compendex

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46. MERS-CoV vaccine

Weiner, David; Muthumani, Karupiah; Sardesai, Niranjan Y. **Assignee:** THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; INOVIO PHARMACEUTICALS, INC. **Publication Number:** US10548971 **Publication date:** 02/04/2020 **Kind:** Patent

Database: US Patents

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47. The 3a protein of SARS-coronavirus induces apoptosis in Vero E6 cells

Waye, M.M.Y. (Dept. of Biochem., Hong Kong Univ., Shatin, China); Law, P.T.W.; Chi-Hang Wong; Au, T.C.C.; Chi-Pang Chuck; Siu-Kai Kong; Chan, P.K.S.; Ka-Fai To; Lo, A.W.I.; Chan, J.Y.W.; Yick-Keung Suen; Chan, H.Y.E.; Kwok-Pui Fung; Sung, J.J.Y.; Lo, Y.M.D.; Tsui, S.K.W. **Source:** *2005 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (IEEE Cat. No.05CH37611C)*, p 4 pp., 2006

Database: Inspec

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48. BriaCell continues clinical operations amidst COVID-19 pandemic.

Source: *globenewswire*, 26 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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49. Coronavirus main proteinase (3CLpro) Structure: Basis for design of anti-SARS drugs

Anand, Kanchan (Institute of Biochemistry, University of Lübeck, D-23538 Lübeck, Germany); Ziebuhr, John; Wadhvani, Parvesh; Mesters, Jeroen R.; Hilgenfeld, Rolf **Source:** *Science*, v 300, n 5626, p 1763-1767, June 13, 2003

Database: GEOBASE

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50. Industry companies finding their way during escalating pandemic.

Source: *Rubber and Plastics News*, v 49, n 17, p 1,21, 23 Mar 2020 **Availability:** Website: <http://www.rubbernews.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

51. Ovation Science ramps-up its manufacturing of DermSafe as Health Canada takes action to increase the supply of hand sanitizers to manage the spread of coronavirus COVID-19.

Source: *PR Newswire*, 19 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

52. Dynavax and CEPI announce collaboration to support global effort to develop a vaccine for coronavirus (COVID-19).

Source: *globeNewswire*, 26 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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53. Luminex provides update on SARS-CoV-2 validation testing efforts.

Source: *PR Newswire*, 13 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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54. MERS-CoV disease estimation (MDE) A study to estimate a MERS-CoV by classification algorithms

Abdullah, Manal (King Abdul-Aziz University, Jeddah, Saudi Arabia); Altheyab, M.S.; Lattas, A.M.A.; Algashmari, W.F.

Source: *Communication, Management and Information Technology - Proceedings of the International Conference on Communication, Management and Information Technology, ICCMIT 2016*, p 633-638, 2017, *Communication, Management and Information Technology - Proceedings of the International Conference on Communication, Management and Information Technology, ICCMIT 2016*

Database: Compendex

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55. Detection of feline coronavirus using microcantilever sensors

Velanki, S. (Chem. Program, Louisiana Tech Univ., Ruston, LA, United States); Hai-Feng Ji **Source:** *Measurement Science & Technology*, v 17, n 11, p 2964-8, Nov. 2006

Database: Inspec

Copyright 2006, The Institution of Engineering and Technology

Data Provider: Engineering Village

56. Mesa Biotech to ship 10,000 Accula SARS-CoV-2 tests this week for 30 minute rapid molecular point of care diagnosis.

Source: *PR Newswire*, 7 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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57. Can atmospheric pollution be considered a co-factor in extremely high level of SARS-CoV-2 lethality in Northern Italy?

Conticini, Edoardo (Rheumatology Unit, Department of Medicine, Surgery and Neurosciences, University of Siena, Policlinico Le Scotte, viale Mario Bracci 1, Siena, Italy); Frediani, Bruno; Caro, Dario **Source:** *Environmental Pollution*, 2020 Article in Press

Database: Chimica

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58. Can atmospheric pollution be considered a co-factor in extremely high level of SARS-CoV-2 lethality in Northern Italy?

Conticini, Edoardo (Rheumatology Unit, Department of Medicine, Surgery and Neurosciences, University of Siena, Policlinico Le Scotte, viale Mario Bracci 1, Siena, Italy); Frediani, Bruno; Caro, Dario **Source:** *Environmental Pollution*, 2020 Article in Press

Database: Compendex

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59. Coronavirus Disease 2019 (COVID-19): we shall overcome (Open Access)

Bandyopadhyay, Santanu (Department of Energy Science and Engineering, Indian Institute of Technology Bombay, Powai, Mumbai; 400076, India) **Source:** *Clean Technologies and Environmental Policy*, 2020 Article in Press

Database: Compendex

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60. DiaCarta Inc has filed for EUA with the FDA and has received CE mark for its highly sensitive QuantiVirus SARS-CoV-2 Test.

Source: *PR Newswire*, 24 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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61. METHODS OF TREATING ZIKA VIRUS, MERS-COV, CHIKUNGUNYA, VENEZUELAN EQUINE ENCEPHALITUS, AND RHINOVIRUS IN MAMMALIAN PATIENTS

Hodge, III, Thomas W. **Assignee:** Tamir Biotechnology, Inc. **Publication Number:** US20170157219 **Publication date:** 06/08/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

62. Crystallization and preliminary X-ray crystallographic analysis of a nonstructural protein 15 mutant from Human coronavirus 229E

Tong Huo (Coll. of Life Sci., Nankai Univ., Tianjin, China); Xiang Liu **Source:** *Acta Crystallographica, Section F (Structural Biology Communications)*, v F71, n 9, p 1156-60, 1 Sept. 2015

Database: Inspec

Copyright 2015, The Institution of Engineering and Technology

Data Provider: Engineering Village

63. SARS CoV main protease inhibitors

Wu, Su-Ying; Hsu, Tsu-An; Hsieh, Hsing-Pang; Lu, I-Lin **Publication Number:** US20060019967 **Publication date:** 01/26/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

64. Prisma Health collaborates with Ethicon Inc, part of the Johnson & Johnson Medical Devices Companies, to manufacture and distribute the VESper Ventilator Expansion Splitter device that is authorized for emergency use only during the COVID-19 pandemic.

Source: *PR Newswire*, 6 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

65. Multiplex Paper-Based Colorimetric DNA Sensor Using PyrrolidinyI Peptide Nucleic Acid-Induced AgNPs Aggregation for Detecting MERS-CoV, MTB, and HPV Oligonucleotides

Teengam, Prinjaporn (Program in Petrochemistry, Faculty of Science, Chulalongkorn University, Pathumwan, Bangkok; 10330, Thailand); Siangproh, Weena; Tuantranont, Adisorn; Vilaivan, Tirayut; Chailapakul, Orawon; Henry, Charles S. **Source:** *Analytical Chemistry*, v 89, n 10, p 5428-5435, May 16, 2017

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

66. Arvinas provides update on business continuity related to the impact of the COVID-19 pandemic.

Source: *globenewswire*, 13 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

67. Process for vaccinating eucaryotic hosts and for protecting against SARS-CoV infection

Tse, Jane; Altmeyer, Ralf; Chan, Cheman; Manugurrea, J. Claude; Staropoli, Isabelle; Kien, Francois; Peiris, Malik; Siu, Lewis; Kam, Yiu Wing; Nal-Rogier, Beatrice **Publication Number:** US20060093616 **Publication date:** 05/04/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

68. A dive into COVID-19 diagnosis and treatment avenues. [1 table in original article]

Source: *Chemical Business News Base (CBNB)*, 2 Apr 2020 **Availability:** Frost & Sullivan, website: www.frost.com

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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69. Synapse Biomedical receives FDA Emergency Use Authorization for new system to assist in weaning patients off of ventilators during COVID-19 pandemic.

Source: *PR Newswire*, 15 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

70. The impact of covid-19 epidemic declaration on psychological consequences: A study on active weibo users

Li, Sijia (Institute of Psychology, Chinese Academy of Sciences, Beijing; 100101, China); Wang, Yilin; Xue, Jia; Zhao, Nan; Zhu, Tingshao **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 6, March 2, 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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71. A new coronavirus associated with human respiratory disease in China

Wu, Fan (Shanghai Public Health Clinical Center, Fudan University, Shanghai, China); Zhao, Su; Yu, Bin; Chen, Yan-Mei; Wang, Wen; Song, Zhi-Gang; Hu, Yi; Tao, Zhao-Wu; Tian, Jun-Hua; Pei, Yuan-Yuan; Yuan, Ming-Li; Zhang, Yu-Ling; Dai, Fa-Hui; Liu, Yi; Wang, Qi-Min; Zheng, Jiao-Jiao; Xu, Lin; Holmes, Edward C.; Zhang, Yong-Zhen **Source:** *Nature*, v 579, n 7798, p 265-269, March 12, 2020

Database: GEOBASE

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72. Early Prediction of the 2019 Novel Coronavirus Outbreak in the Mainland China Based on Simple Mathematical Model (Open Access)

Zhong, Linhao (Key Laboratory of Regional Climate-Environment for Temperate East Asia, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China); Mu, Lin; Li, Jing; Wang, Jiaying; Yin, Zhe; Liu, Darong

Source: *IEEE Access*, v 8, p 51761-51769, 2020

Database: Compendex

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73. Trillium Therapeutics provides business update in response to the COVID-19 pandemic.

Source: *globenewswire*, 8 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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74. Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells (Open Access)

Chu, Hin (Departments of Microbiology, Queen Mary Hospital, 102 Pokfulam Rd., Pokfulam, Hong Kong); Chan, Che-Man; Zhang, Xi; Wang, Yixin; Yuan, Shuofeng; Zhou, Jie; Au-Yeung, Rex Kwok-Him; Sze, Kong-Hung; Yang, Dong; Shuai, Huiping; Hou, Yuxin; Li, Cun; Zhao, Xiaoyu; Poon, Vincent Kwok-Man; Leung, Sze Pui; Yeung, Man-Lung; Yan, Jinghua; Lu, Guangwen; Jin, Dong-Yan; Gao, George Fu; Chan, Jasper Fuk-Woo; Yuen, Kwok-Yung **Source:** *Journal of Biological Chemistry*, v 293, n 30, p 11709-11726, July 27, 2018

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

75. BiondVax's CEO comments on impact of COVID-19 pandemic on the company's ongoing Phase 3 clinical trial.

Source: *PR Newswire*, 19 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

76. Junctional and allele-specific residues are critical for MERS-CoV neutralization by an exceptionally potent germline-like antibody

Ying, Tianlei (Key Laboratory of Medical Molecular Virology of Ministries of Education and Health, Shanghai Medical College, Fudan University, Shanghai, China); Prabakaran, Ponraj; Du, Lanying; Shi, Wei; Feng, Yang; Wang, Yanping; Wang, Lingshu; Li, Wei; Jiang, Shibo; Dimitrov, Dimiter S.; Zhou, Tongqing **Source:** *Nature Communications*, v 6, September 15, 2015

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

77. Small vaccine market projected to gain momentum in future, buoyed by developments during COVID-19 pandemic, says PMR.

Source: *BioSpace*, 7 Apr 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

78. Correlation between weather and Covid-19 pandemic in Jakarta, Indonesia

Tosepu, Ramadhan (Department of Environmental Health, Faculty of Public Health, University of Halu Oleo, Indonesia); Gunawan, Joko; Effendy, Devi Savitri; Ahmad, La Ode Ali Imran; Lestari, Hariati; Bahar, Hartati; Asfian, Pitrah **Source:** *Science of the Total Environment*, v 725, 10 July 2020

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

79. Rapid surveillance of COVID-19 in the United States using a prospective space-time scan statistic: Detecting and evaluating emerging clusters

Desjardins, M.R. (Department of Epidemiology & Spatial Science for Public Health Center, Johns Hopkins Bloomberg School of Public Health, Baltimore; MD; 21205, United States); Hohl, A.; Delmelle, E.M. **Source:** *Applied Geography*, v 118, May 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

80. Reata Pharma updates business operations and clinical trials in light of COVID-19 pandemic.

Source: *BioSpace*, 31 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

81. SOLUBLE FRAGMENTS OF THE SARS-COV SPIKE GLYCOPROTEIN

MOSS, Bernard; BISHT, Himani; WYATT, Linda, S. **Assignee:** GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES; MOSS, Bernard; BISHT, Himani; WYATT, Linda, S. **Publication Number:** WO2006071250 **Publication date:** 07/06/2006 **Kind:** Patent Application Publication (Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

82. SOLUBLE FRAGMENTS OF THE SARS-COV SPIKE GLYCOPROTEIN

MOSS, Bernard; BISHT, Himani; WYATT, Linda, S. **Assignee:** GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES; MOSS, Bernard; BISHT, Himani; WYATT, Linda, S. **Publication Number:** WO2006071250 **Publication date:** 01/04/2007 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

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83. Obalon temporarily suspends new patient sales at its retail treatment centres due to coronavirus pandemic.

Source: *globenewswire*, 17 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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84. Amgen update: no "significant delays" from COVID-19 pandemic for KRAS inhibitor.

Source: *BioSpace*, 31 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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85. COVID-19: A promising cure for the global panic

Vellingiri, Balachandar (Human Molecular Cytogenetics and Stem Cell Laboratory, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore; Tamil Nadu; 641 046, India); Jayaramayya, Kaavya; Iyer, Mahalaxmi; Narayanasamy, Arul; Govindasamy, Vivekanandhan; Giridharan, Bupesh; Ganesan, Singaravelu; Venugopal, Anila; Venkatesan, Dhivya; Ganesan, Harsha; Rajagopalan, Kamarajan; Rahman, Pattanathu K.S.M.; Cho, Ssang-Goo; Kumar, Nachimuthu Senthil; Subramaniam, Mohana Devi **Source:** *Science of the Total Environment*, v 725, 10 July 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

86. True Value Company to manufacture hand sanitizer amid COVID-19 pandemic.

Source: *PR Newswire*, 31 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

87. SARS-CoV-specific B-cell epitope and applications thereof

Wu, Han-Chung; Liu, I-Ju; Chiu, Chien-Yu **Assignee:** National Taiwan University **Publication Number:** US7740858

Publication date: 06/22/2010 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

88. Clinical Study of Mesenchymal Stem Cell Treatment for Acute Respiratory Distress Syndrome Induced by Epidemic Influenza A (H7N9) Infection: A Hint for COVID-19 Treatment (Open Access)

Chen, Jiajia (State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, Collaborative Innovation Center for Diagnosis and Treatment of Infectious Diseases, The First Affiliated Hospital, College of Medicine, Zhejiang University, Hangzhou; 310003, China); Hu, Chenxia; Chen, Lijun; Tang, Lingling; Zhu, Yixin; Xu, Xiaowei; Chen, Lu; Gao, Hainv; Lu, Xiaoqing; Yu, Liang; Dai, Xiahong; Xiang, Charlie; Li, Lanjuan **Source:** *Engineering*, 2020 Article in Press

Database: Compendex

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89. MERS-COV INFECTION INHIBITING POLYPEPTIDE

WANG, Chao; LIU, Keliang; ZHANG, Peiyu; MENG, Guangpeng; LIANG, Guodong **Assignee:** ACADEMY OF MILITARY MEDICAL SCIENCES **Publication Number:** WO2019136824 **Publication date:** 07/18/2019 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

90. Twist Bioscience announces availability of synthetic SARS-CoV-2 RNA controls.

Source: *BioSpace*, 12 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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91. Attenuated SARS-CoV vaccines

Almazán Toral, Fernando; López de Diego, Marta; Enjuanes Sanches, Luis; Álvarez Gómez, Enrique **Assignee:** CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS **Publication Number:** EP1736539 **Publication date:** 12/27/2006 **Kind:** Application with Search Report

Database: EP Patents

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92. Eurofins Genomics US launches new SARS-CoV-2 plasmid DNA controls and increases its capacity to produce probes and primers, all of which being key components of SARS-CoV-2 RT-PCR testing.

Source: *PR Newswire*, 16 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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93. Dieckol, a SARS-CoV 3CLpro inhibitor, isolated from the edible brown algae Ecklonia cava

Park, Ji-Young (Infection Control Research Center, Korea Research Institute of Bioscience and Biotechnology, Jeongeup 580-185, Korea, Republic of); Kim, Jang Hoon; Kwon, Jung Min; Kwon, Hyung-Jun; Jeong, Hyung Jae; Kim, Young Min; Kim, Doman; Lee, Woo Song; Ryu, Young Bae **Source:** *Bioorganic and Medicinal Chemistry*, v 21, n 13, p 3730-3737, July 1, 2013

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

94. THERAPIES, VACCINES, AND PREDICTIVE METHODS FOR MIDDLE EAST RESPIRATORY SYNDROME VIRUS (MERS CoV)

BOGOCH, Samuel; BOGOCH, Elenore S.; BORSANYI, Anne-Elenore Bogoch; BOGOCH, Samuel Winston **Publication Number:** WO2015057966 **Publication date:** 06/18/2015 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

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95. Characterization of a novel coronavirus associated with severe acute respiratory syndrome

Rota, Paul A. (Natl. Center for Infectious Diseases, Centers for Dis. Ctrl./Prevention, Atlanta, CA 30333, United States); Oberste, M. Steven; Monroe, Stephan S.; Nix, W. Allan; Campagnoli, Ray; Icenogle, Joseph P.; Peñaranda, Silvia; Bankamp, Bettina; Maher, Kaija; Chen, Min-hsin; Tong, Suxiong; Tamin, Azaibi; Lowe, Luis; Frace, Michael; DeRisi, Joseph L.; Chen, Qi; Wang, David; Erdman, Dean D.; Peret, Teresa C. T.; Burns, Cara; Ksiazek, Thomas G.; Rollin, Pierre E.; Sanchez, Anthony; Liffick, Stephanie; Holloway, Brian; Limor, Josef; McCaustland, Karen; Olsen-Rasmussen, Mellissa; Fouchier, Ron; Günther, Stephan; Osterhaus, Albert D. H. E.; Drosten, Christian; Pallansch, Mark A.; Anderson, Larry J.; Bellini, William J. **Source:** *Science*, v 300, n 5624, p 1394-1399, May 30, 2003

Database: Chimica

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Data Provider: Engineering Village

96. THERAPIES, VACCINES, AND PREDICTIVE METHODS FOR MIDDLE EAST RESPIRATORY SYNDROME VIRUS (MERS CoV)

BOGOCH, Samuel; BOGOCH, Elenore S.; BORSANYI, Anne-Elenore Bogoch; BOGOCH, Samuel Winston

Publication Number: US20160235837 **Publication date:** 08/18/2016 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

97. THERAPIES, VACCINES, AND PREDICTIVE METHODS FOR MIDDLE EAST RESPIRATORY SYNDROME VIRUS (MERS CoV)

BOGOCH, Samuel; BOGOCH, Elenore S.; BORSANYI, Anne-Elenore Bogoch; BOGOCH, Samuel

Winston **Publication Number:** WO2015057966 **Publication date:** 04/23/2015 **Kind:** Patent Application Publication (Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

98. Luminex receives BARDA contract to support development of second, rapid SARS-CoV-2 test.

Source: *PR Newswire*, 31 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

99. GenMark Diagnostics announces global shipments of ePlex RUO test kits designed for SARS-CoV-2 detection.

Source: *globenewswire*, 2 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

100. Sequential affinity purification of peroxidase tagged bispecific anti-SARS-CoV antibodies on phenylboronic acid agarose

Bhatnagar, Pravin K. (Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta, Edmonton, Alta. T6G 2N8, Canada); Das, Dipankar; Suresh, Mavanur R. **Source:** *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, v 863, n 2, p 235-241, March 1, 2008

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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101. Computational simulation of interactions between SARS coronavirus spike mutants and host species-specific receptors

Zhang, Yuan (School of Life Sciences, Fudan University, Shanghai, 200433, China); Zheng, Nan; Nan, Peng; Cao, Ying; Hasegawa, Masami; Zhong, Yang **Source:** *Computational Biology and Chemistry*, v 31, n 2, p 134-137, April 2007

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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102. MERS-CoV Vaccine

Weiner, David; Muthumani, Karuppiyah; Sardesai, Niranjan Y. **Assignee:** The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc. **Publication Number:** US20170258893 **Publication date:** 09/14/2017

Kind: Patent Application Publication

Database: US Patents

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103. MERS-CoV vaccine

Weiner, David; Muthumani, Karuppiyah; Sardesai, Niranjan Y. **Assignee:** THE TRUSTEES OF THE UNIVERSTIY OF PENNSYLVANIA; INOVIO PHARMACEUTICALS, INC. **Publication Number:** US10016497 **Publication date:** 07/10/2018 **Kind:** Patent

Database: US Patents

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104. Coordination model of gene sequences for SARS-CoV and its receptor

Shao, Shi-Huang (Bio-Info. Res. Ctr., Coll. of Info. Sci. and Technol., Donghua Univ., Shanghai 200051, China); Dai, Hua; Gao, Lei; Huang, Ying-Song; Huang, Zhen-De; Ding, Yong-Sheng **Source:** *Journal of Dong Hua University (English Edition)*, v 21, n 6, p 124-127, December 2004

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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105. Identification of novel drug scaffolds for inhibition of SARS-CoV 3-Chymotrypsin-like protease using virtual and high-throughput screenings

Lee, Hyun (Center for Pharmaceutical Biotechnology, Department of Medicinal Chemistry and Pharmacognosy, University of Illinois at Chicago, 900 S. Ashland Avenue, Chicago, IL 60607, United States); Mittal, Anuradha; Patel, Kavankumar; Gatuz, Joseph L.; Truong, Lena; Torres, Jaime; Mulhearn, Debbie C.; Johnson, Michael E. **Source:** *Bioorganic and Medicinal Chemistry*, v 22, n 1, p 167-177, January 1, 2014

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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106. Design and synthesis of new tripeptide-type SARS-CoV 3CL protease inhibitors containing an electrophilic arylketone moiety

Konno, Sho (Department of Medicinal Chemistry, Tokyo University of Pharmacy and Life Sciences, Tokyo 192-0392, Japan); Thanigaimalai, Pillaiyar; Yamamoto, Takehito; Nakada, Kiyohiko; Kakiuchi, Rie; Takayama, Kentaro; Yamazaki, Yuri; Yakushiji, Fumika; Akaji, Kenichi; Kiso, Yoshiaki; Kawasaki, Yuko; Chen, Shen-En; Freire, Ernesto; Hayashi, Yoshio **Source:** *Bioorganic and Medicinal Chemistry*, v 21, n 2, p 412-424, January 15, 2013

Database: Chimica

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107. Novavax Inc produces MERS-CoV vaccine candidate.

Source: *BioSpace*, 6 Jun 2013 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

108. Structural and dynamic characterization of the interaction of the putative fusion peptide of the S2 SARS-CoV virus protein with lipid membranes

Guillén, Jaime (Instituto de Biología Molecular y Celular, Universidad Miguel Hernández, E-03202, Elche-Alicante, Spain); De Almeida, Rodrigo F. M.; Prieto, Manuel; Villalaín, José **Source:** *Journal of Physical Chemistry B*, v 112, n 23, p 6997-7007, June 12, 2008

Database: Compendex

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109. Synthesis, modification and docking studies of 5-sulfonyl isatin derivatives as SARS-CoV 3C-like protease inhibitors

Liu, Wei (College of Sciences, Tianjin University of Science and Technology, Tianjin 300457, China); Zhu, He-Min; Niu, Guo-Jun; Shi, En-Zhi; Chen, Jie; Sun, Bo; Chen, Wei-Qiang; Zhou, Hong-Gang; Yang, Cheng **Source:** *Bioorganic and Medicinal Chemistry*, v 22, n 1, p 292-302, January 1, 2014

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110. Molecular dynamic simulations analysis of ritonavir and lopinavir as SARS-CoV 3CLpro inhibitors

Nukoolkarn, Veena (Department of Pharmacognosy, Faculty of Pharmacy, Mahidol University, Bangkok, 10400, Thailand); Lee, Vannajan Sanghiran; Malaisree, Maturus; Aruksakulwong, Ornjira; Hannongbua, Supot **Source:** *Journal of Theoretical Biology*, v 254, n 4, p 861-867, October 21, 2008

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111. Design and synthesis of dipeptidyl glutaminy fluoromethyl ketones as potent severe acute respiratory syndrome coronavirus (SARS-CoV) inhibitors

Zhang, Han-Zhong (Maxim Pharmaceuticals, 6650 Nancy Ridge Drive, San Diego, CA 92121, United States); Zhang, Hong; Kemnitzer, William; Tseng, Ben; Cinatl Jr., Jindrich; Michaelis, Martin; Doerr, Hans Wilhelm; Cai, Sui Xiong **Source:** *Journal of Medicinal Chemistry*, v 49, n 3, p 1198-1201, February 9, 2006

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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112. Synthesis and biological evaluation of 3-acyl-2-phenylamino-1,4-dihydroquinolin-4(1H)-one derivatives as potential MERS-CoV inhibitors

Yoon, Ji Hye (Center for Convergent Research of Emerging Virus Infection (CEVI), Korea Research Institute of Chemical Technology, 141 Gajeong-ro, Yuseong-gu, Daejeon; 34114, Korea, Republic of); Lee, Jun Young; Lee, Jihye; Shin, Young Sup; Jeon, Sangeun; Kim, Dong Eon; Min, Jung Sun; Song, Jong Hwan; Kim, Seungtaek; Kwon, Sunoh; Jin, Young-hee; Jang, Min Seong; Kim, Hyoung Rae; Park, Chul Min **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 29, n 23, 1 December 2019

Database: Chimica

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Data Provider: Engineering Village

113. The SR-rich motif in SARS-CoV nucleocapsid protein is important for virus replication

Tylor, Shaun (National Microbiology Laboratory, Health Canada, 1015 Arlington St, Winnipeg, MB R3E 3R2, Canada); Andonov, Anton; Cutts, Todd; Cao, Jingxin; Grudesky, Elsey; Van Domselaar, Gary; Li, Xuguang; He, Runtao **Source:** *Canadian Journal of Microbiology*, v 55, n 3, p 254-260, March, 2009

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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114. Geranylated flavonoids displaying SARS-CoV papain-like protease inhibition from the fruits of *Paulownia tomentosa*

Cho, Jung Keun (Division of Applied Life Science (BK21 Program), IALS, Gyeongsang National University, Jinju 660-701, Korea, Republic of); Curtis-Long, Marcus J.; Lee, Kon Ho; Kim, Dae Wook; Ryu, Hyung Won; Yuk, Heung Joo; Park, Ki Hun **Source:** *Bioorganic and Medicinal Chemistry*, v 21, n 11, p 3051-3057, June 1, 2013

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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115. SARS-CoV 3CLpro inhibitory effects of quinone-methide triterpenes from *Tripterygium regelii*

Ryu, Young Bae (Eco-Friendly Biomaterial Research Center, Korea Research Institute of Bioscience and Biotechnology, Jeongeup, 580-185, Korea, Republic of); Park, Su-Jin; Kim, Young Min; Lee, Ju-Yeon; Seo, Woo Duck; Chang, Jong Sun; Park, Ki Hun; Rho, Mun-Chual; Lee, Woo Song **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 20, n 6, p 1873-1876, March 15, 2010

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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116. Piezoelectric immunosensor for SARS-associated coronavirus in sputum

Zuo, Boli (Analytical Center, Institute of Chemical Defense of PLA, Beijing, 102205, China); Li, Shanmao; Guo, Zhao; Zhang, Jinfang; Chen, Chuanzhi **Source:** *Analytical Chemistry*, v 76, n 13, p 3536-3540, July 1, 2004

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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117. Eloxx Pharmaceuticals provides update on the impact of novel coronavirus (COVID-19) on Phase 2 clinical trials in cystic fibrosis.

Source: *globenewswire*, 25 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

118. New developments for the design, synthesis and biological evaluation of potent SARS-CoV 3CLpro inhibitors

Regnier, Thomas (Department of Medicinal Chemistry, Center for Frontier Research in Medicinal Science, 21st Century COE Program, Kyoto, 607-8412, Japan); Sarma, Diganta; Hidaka, Koushi; Bacha, Usman; Freire, Ernesto; Hayashi, Yoshio; Kiso, Yoshiaki **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 19, n 10, p 2722-2727, May 15, 2009

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

119. SAb Biotherapeutics produces new human antibody treatment for MERS-CoV.

Source: *BioSpace*, 18 Feb 2016 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

120. Differential characteristics of the early stage of lung inflammation induced by SARS-CoV Nucleocapsid protein related to age in the mouse

Zhu, Y.G. (Department of Pulmonary Medicine, Huadong Hospital, Shanghai 200040, China); Qu, J.M. **Source:** *Inflammation Research*, v 58, n 6, p 312-320, June 2009

Database: Chimica

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121. METHODS OF TREATING VIRAL INFECTIONS, PARTICULARLY RABIES, MERS-COV, INFLUENZA, EBOLA, CHIKUNGUNYA, VENEZUELAN EQUINE ENCEPHALITUS, CANINE PARVOVIRUS, ADENOVIRUS, RESPIRATORY SYNCYTIAL VIRUS, RHINOVIRUS, AND POXVIRUS IN MAMMALIAN PATIENTS

Hodge, III, Thomas W. **Assignee:** TAMIR BIOTECHNOLOGY, INC. **Publication Number:** US20150376584

Publication date: 12/31/2015 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

122. New evidence points to bat species as reservoir for Middle East Respiratory Syndrome (MERS CoV).

Source: *PR Newswire*, 21 Aug 2013 **Availability:** Website: <http://www.prnewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

123. Multiplex Paper-Based Colorimetric DNA Sensor Using PyrrolidinyI Peptide Nucleic Acid-Induced AgNPs Aggregation for Detecting MERS-CoV, MTB, and HPV Oligonucleotides

Teengam, Prinjaporn (Program in Petrochemistry, Faculty of Science, Chulalongkorn University, Pathumwan, Bangkok; 10330, Thailand); Siangproh, Weena; Tuantranont, Adisorn; Vilaivan, Tirayut; Chailapakul, Orawon; Henry, Charles S. **Source:** *Analytical Chemistry*, v 89, n 10, p 5428-5435, May 16, 2017

Database: PaperChem

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

124. Multiplex Paper-Based Colorimetric DNA Sensor Using PyrrolidinyI Peptide Nucleic Acid-Induced AgNPs Aggregation for Detecting MERS-CoV, MTB, and HPV Oligonucleotides

Teengam, Prinjaporn (Program in Petrochemistry, Faculty of Science, Chulalongkorn University, Pathumwan, Bangkok; 10330, Thailand); Siangproh, Weena; Tuantranont, Adisorn; Vilaivan, Tirayut; Chailapakul, Orawon; Henry, Charles S. **Source:** *Analytical Chemistry*, v 89, n 10, p 5428-5435, May 16, 2017

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

125. Design, synthesis, and evaluation of trifluoromethyl ketones as inhibitors of SARS-CoV 3CL protease

Shao, Yi-Ming (Genomics Research Center, Academia Sinica, No. 128, Section 2, Academia Road, Taipei, 11529, Taiwan); Yang, Wen-Bin; Kuo, Tun-Hsun; Tsai, Keng-Chang; Lin, Chun-Hung; Yang, An-Suei; Liang, Po-Huang; Wong, Chi-Huey **Source:** *Bioorganic and Medicinal Chemistry*, v 16, n 8, p 4652-4660, April 15, 2008

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

126. Dynavax and Clover Biopharmaceuticals announce research collaboration to evaluate coronavirus (COVID-19) vaccine candidate with CpG 1018 adjuvant.

Source: *globenewswire*, 24 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

127. ERC launches development programme for novel cell-based therapeutic and prophylactic SARS-CoV-2 vaccine.

Source: *globenewswire*, 9 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

128. Predictors of expressing and receiving information on social networking sites during MERS-CoV outbreak in South Korea

Yoo, Woohyun (Department of Mass Communication & Institute of Social Sciences, Incheon National University, Incheon, Korea, Republic of); Choi, Doo-Hun **Source:** *Journal of Risk Research*, 2019 Article in Press

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

129. A pneumonia outbreak associated with a new coronavirus of probable bat origin

Zhou, Peng (CAS Key Laboratory of Special Pathogens, Wuhan Institute of Virology, Center for Biosafety Mega-Science, Chinese Academy of Sciences, Wuhan, China); Yang, Xing-Lou; Wang, Xian-Guang; Hu, Ben; Zhang, Lei; Zhang, Wei; Si, Hao-Rui; Zhu, Yan; Li, Bei; Huang, Chao-Lin; Chen, Hui-Dong; Chen, Jing; Luo, Yun; Guo, Hua; Jiang, Ren-Di; Liu, Mei-Qin; Chen, Ying; Shen, Xu-Rui; Wang, Xi; Zheng, Xiao-Shuang; Zhao, Kai; Chen, Quan-Jiao; Deng, Fei; Liu, Lin-Lin; Yan, Bing; Zhan, Fa-Xian; Wang, Yan-Yi; Xiao, Geng-Fu; Shi, Zheng-Li **Source:** *Nature*, v 579, n 7798, p 270-273, March 12, 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

130. The evaluation of the public opinion - a case study: MERS-CoV infection virus in KSA

Zarrad, A. (Dept. of Comput. Sci. & Inf. Syst., Prince Sultan Univ., Riyadh, Saudi Arabia); Jaloud, A.; Alsmadi, I.

Source: *2014 IEEE/ACM 7th International Conference on Utility and Cloud Computing (UCC). Proceedings*, p 664-70, 2014

Database: Inspec

Copyright 2015, The Institution of Engineering and Technology

Data Provider: Engineering Village

131. XORTX launches XRx-101, a new programme to treat coronavirus COVID-19 infection.

Source: *globoNewsWire*, 16 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

132. Sanofi working on vaccine against Coronavirus Covid-19.

Source: *Chemie Aktuell*, 18 Feb 2020 **Language:** German **Availability:** Website: <http://www.maerkte-weltweit.de>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

133. Precision Biomonitors announces its Health Canada submission for point-of-care SARS-Cov-2 Go-Strips.

Source: *PR Newswire*, 20 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

134. Mateon partners with Meridian IT To fast track drug manufacturing using artificial intelligence for coronaviruses, including COVID-19.

Source: *globoNewsWire*, 19 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

135. METHODS AND COMPOSITIONS FOR THE GENERATION OF A PROTECTIVE IMMUNE RESPONSE AGAINST SARS-CoV

NABEL, Gary, J.; YANG, Zhi-yong; HUANG, Yue; KONG, Wing-pui **Assignee:** THE UNITED STATES OF AMERICA AS represented BY THE SECRETARY OF HEALTH AND HUMAN SERVICES, NIH **Publication Number:** WO2005027963 **Publication date:** 08/25/2005 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

136. METHODS AND COMPOSITIONS FOR THE GENERATION OF A PROTECTIVE IMMUNE RESPONSE AGAINST SARS-CoV

NABEL, Gary, J.; YANG, Zhi-yong; HUANG, Yue; KONG, Wing-pui **Assignee:** THE UNITED STATES OF AMERICA AS represented BY THE SECRETARY OF HEALTH AND HUMAN SERVICES, NIH **Publication Number:** WO2005027963 **Publication date:** 03/31/2005 **Kind:** Patent Application Publication (Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

137. Coronavirus phylogeny based on 2D graphical representation of DNA sequence

Liao, Bo (Laboratory of Embedded Computing and System, School of Computer and Communication, Hunan University, Changsha Hunan 410082, China); Xiang, Xuyu; Zhu, Wen **Source:** *Journal of Computational Chemistry*, v 27, n 11, p 1196-1202, August 2006

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

138. Antibodies against SARS-CoV and methods of use thereof

Marasco, Wayne; Sui, Jianhua **Assignee:** Dana Farber Cancer Institute, Inc. **Publication Number:** US7750123

Publication date: 07/06/2010 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

139. Antibodies against SARS-CoV and methods of use thereof

Sui, Jianhua; Marasco, Wayne **Publication Number:** US20050249739 **Publication date:** 11/10/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

140. ANTIBODIES AGAINST SARS-CoV AND METHODS OF USE THEREOF

MARASCO, Wayne; SUI, Jianhua **Assignee:** DANA-FARBER CANCER INSTITUTE, INC. **Publication Number:** WO2005060520 **Publication date:** 10/20/2005 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

141. ANTIBODIES AGAINST SARS-CoV AND METHODS OF USE THEREOF

MARASCO, Wayne; SUI, Jianhua **Assignee:** DANA-FARBER CANCER INSTITUTE, INC. **Publication Number:** WO2005060520 **Publication date:** 07/07/2005 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

142. World's first two-stage coronavirus (COVID-19) test is available to US frontline workers now.

Source: *PR Newswire*, 9 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

143. Price & market trends: Global: Coronavirus hit may surpass SARS. [1 table, 2 figures in original article]

Source: *ICIS Chemical Business*, v 297, n 4, p 20, 31 Jan 2020-6 Feb 2020 **Availability:** Website: <http://www.icis.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

144. Coronavirus update: FDA and FTC warn seven companies selling fraudulent products that claim to treat or prevent COVID-19.

Source: *US Food and Drug Administration News*, 9 Mar 2020 **Availability:** Website: <http://www.fda.gov>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

145. Todos Medical signs novel coronavirus (COVID-19) point-of-care rapid antibody testing kit exclusive distribution agreement for the US and Israel with Shanghai Liangrun Subsidiary Gibraltar.

Source: *globoNewsWire*, 19 Mar 2020 **Availability:** Website: <http://www.globoNewsWire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

146. Antibodies Against SARS-CoV and Methods of Use Thereof

Marasco, W.; Sui, J. (Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., Boston, MA.; National Institutes of Health, Bethesda, MD.) **Report:** PAT-APPL-10-997 201, 57p, Nov 2004

Database: NTIS

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Data Provider: Engineering Village

147. Emerging Markets Report: Hoth Therapeutics is working on a potential coronavirus vaccine (COVID-19).

Source: *globoNewsWire*, 24 Mar 2020 **Availability:** Website: <http://www.globoNewsWire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

148. Arcturus Therapeutics and Duke-NUS Medical School partner to develop a coronavirus (COVID-19) vaccine using STARR Technology.

Source: *globoNewsWire*, 4 Mar 2020 **Availability:** Website: <http://www.globoNewsWire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

149. Fulgent Genetics announces launch of next generation sequencing (NGS) test to detect coronavirus disease (COVID-19).

Source: *globoNewsWire*, 17 Mar 2020 **Availability:** Website: <http://www.globoNewsWire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

150. Petron's Bataan refinery ensures ongoing supplies amid COVID-19 pandemic.

Source: *Chemical Business News Base (CBBN)*, 23 Mar 2020 **Availability:** PennWell Corporation, website: <http://www.ogj.com/index.html>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

151. Active Motif clones, sequences and expresses the first full human antibody derived from patients infected with the 2019 Coronavirus COVID-19.

Source: *PR Newswire*, 26 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

152. Codagenix and Serum Institute of India initiate co-development of a scalable, live-attenuated vaccine against the 2019 Novel Coronavirus, COVID-19.

Source: *PR Newswire*, 13 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

153. Evidence for Substrate Binding-Induced Zwitterion Formation in the Catalytic Cys-His Dyad of the SARS-CoV Main Protease

Paasche, Alexander (Institut für Physikalische und Theoretische Chemie, Universität Würzburg, Emil-Fischer-Straße 42, Würzburg; 97074, Germany); Zipper, Andreas; Schäfer, Simon; Ziebuhr, John; Schirmeister, Tanja; Engels, Bernd

Source: *Biochemistry*, v 53, n 37, p 5930-5946, September 23, 2014

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

154. Vaxart announces it entered into an agreement with Emergent BioSolutions for the development and manufacturing of oral coronavirus (COVID-19) vaccine candidate.

Source: *globoNewsWire*, 18 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

155. Thermo Fisher Scientific launches new AcroMetrix Coronavirus 2019 (COVID-19) RNA Control (RUO).

Source: *PR Newswire*, 31 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

156. Hoth Therapeutics announces agreement to joint development for a self-assembling vaccine (SAV) for the potential prevention of the Coronavirus (COVID-19).

Source: *PR Newswire*, 23 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

157. HaloVax announces agreement with Hoth Therapeutics to joint develop a self-assembling vaccine (SAV) to protect patients at risk of coronavirus (COVID-19) infection.

Source: *PR Newswire*, 27 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

158. IoT PCR for pandemic disease detection and its spread monitoring

Hanliang Zhu (Sch. of Mech. Eng., Northwestern Polytech. Univ., Xi'an, China); Podesva, P.; Xiaocheng Liu; Haoqing Zhang; Teply, T.; Ying Xu; Honglong Chang; Airong Qian; Yingfeng Lei; Yu Li; Niculescu, A.; Iliescu, C.; Neuzil, P.

Source: *Sensors and Actuators B: Chemical*, v 303, p 387-93, 15 Jan. 2020

Database: Inspec

Copyright 2020, The Institution of Engineering and Technology

Data Provider: Engineering Village

159. Single particle assay of coronavirus membrane fusion with proteinaceous receptor-embedded supported bilayers

Costello, Deirdre A. (School of Chemical and Biomolecular Engineering, Cornell University, Ithaca, NY 14853, United States); Millet, Jean K.; Hsia, Chih-Yun; Whittaker, Gary R.; Daniel, Susan **Source:** *Biomaterials*, v 34, n 32, p 7895-7904, October 2013

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

160. Strengths, weaknesses, opportunities and threats (Swot) analysis of china's prevention and control strategy for the covid-19 epidemic

Wang, Jia (Department of Health Policy and Management, Peking University School of Public Health, Beijing; 100191, China); Wang, Zhifeng **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 7, April 1, 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

161. Significant redox insensitivity of the functions of the SARS-CoV spike glycoprotein: Comparison with HIV envelope (Open Access)

Lavillette, Dimitri (INSERM U758, Ecole Normale Supérieure, Institut Fédératif de Recherche (IFR) 128, Lyon-Gerland F69007, Lyon, France); Barbouche, Rym; Yao, Yongxiu; Boson, Bertrand; Cosset, François-Loïc; Jones, Ian M.; Fenouillet, Emmanuel **Source:** *Journal of Biological Chemistry*, v 281, n 14, p 9200-9204, April 7, 2006

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

162. Innovation Pharmaceuticals exploring lead defensin mimetic drug candidate Brilacidin as potential novel coronavirus treatment.

Source: *globenewswire*, 18 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

163. I-Mab announces IND clearance from FDA for TJM2 to treat cytokine release syndrome (CRS) associated with severe coronavirus disease 19 (COVID-19).

Source: *globenewswire*, 3 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

164. Hospital grade disinfectant approved offering protection against deadly COVID-19, coronavirus and other deadly respiratory viruses.

Source: *PR Newswire*, 14 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

165. Bii Biosciences provides funding to Columbia University for research on COVID-19 and other coronaviruses.

Source: *BioSpace*, 11 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

166. Virtual screening for SARS-CoV protease based on KZ7088 pharmacophore points

Sirois, Suzanne (Département de Chimie, Université du Québec à Montréal, Succursale Centre-Ville, Montréal Québec, H3C 3P8, Canada); Wei, Dong-Qing; Du, Qishi; Chou, Kuo-Chen **Source:** *Journal of Chemical Information and Computer Sciences*, v 44, n 3, p 1111-1122, May/June 2004

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

167. Quotient Limited announces the completion of the SARS-CoV-2 antibody test development.

Source: *globoNewsWire*, 6 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

168. Optimization of the Production Process and Characterization of the Yeast-Expressed SARS-CoV Recombinant Receptor-Binding Domain (RBD219-N1), a SARS Vaccine Candidate

Chen, Wen-Hsiang (Texas Children's Hospital Center for Vaccine Development, Houston; Texas; 77030, United States); Chag, Shivali M.; Poongavanam, Mohan V.; Biter, Amadeo B.; Ewere, Ebe A.; Rezende, Wanderson; Seid, Christopher A.; E.M., Hudspeth; J., Pollet; C.P., McAtee; U., Strych; M.E., Bottazzi; P.J., Hotez **Source:** *Journal of Pharmaceutical Sciences*, v 106, n 8, p 1961-1970, August 2017

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

169. Screening of electrophilic compounds yields an aziridiny peptide as new active-site directed SARS-CoV main protease inhibitor

Martina, Erika (Institute of Pharmacy and Food Chemistry, University of Würzburg, Am Hubland, D-97074 Würzburg, Germany); Stiefl, Nikolaus; Degel, Björn; Schulz, Franziska; Breuning, Alexander; Schiller, Markus; Vicik, Radim; Baumann, Knut; Ziebuhr, John; Schirmeister, Tanja **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 15, n 24, p 5365-5369, December 15, 2005

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

170. VBI Vaccines announces collaboration with the National Research Council of Canada to develop pan-coronavirus vaccine candidate targeting COVID-19, SARS, and MERS.

Source: *BioSpace*, 31 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

171. Effects of operational decisions on the diffusion of epidemic disease: A system dynamics modeling of the MERS-CoV outbreak in South Korea

Shin, Nina (Graduate School of Business, Seoul National University, 1 Gwankak-ro, Gwanak-gu, Seoul; 08826, Korea, Republic of); Kwag, Taewoo; Park, Sangwook; Kim, Yon Hui **Source:** *Journal of Theoretical Biology*, v 421, p 39-50, May 21, 2017

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

172. Todos Medical and 3DMed enter into coronavirus (COVID-19) and influenza A/B testing kit distribution agreement in US and Israel.

Source: *globoNewsWire*, 17 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

173. Experimental Treatment with Favipiravir for COVID-19: An Open-Label Control Study

Cai, Qingxian (National Clinical Research Center for Infectious Diseases, The Third People's Hospital of Shenzhen, The Second Affiliated Hospital of Southern University of Science and Technology, Shenzhen; 518100, China); Yang, Minghui; Liu, Dongjing; Chen, Jun; Shu, Dan; Xia, Junxia; Liao, Xuejiao; Gu, Yuanbo; Cai, Qiue; Yang, Yang; Shen, Chenguang; Li, Xiaohe; Peng, Ling; Huang, Deliang; Zhang, Jing; Zhang, Shurong; Wang, Fuxiang; Liu, Jiaye; Chen, Li; Chen, Shuyan; Wang, Zhaoqin; Zhang, Zheng; Cao, Ruiyuan; Zhong, Wu; Liu, Yingxia; Liu, Lei **Source:** *Engineering*, 2020 Article in Press

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

174. CEL-SCI initiates development of immunotherapy to treat COVID-19 coronavirus infection.

Source: *BioSpace*, 9 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

175. CytoSorb shipment arrives in designated Mainland China hospitals to treat cytokine storm in critically-ill patients with COVID-19 Coronavirus infection.

Source: *PR Newswire*, 28 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

176. Meridian Bioscience supports diagnostic companies in fighting coronavirus pandemic by providing zero cost proprietary technology for evaluation.

Source: *globoNewsWire*, 16 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

177. Structural genomics of the SARS coronavirus: cloning, expression, crystallization and preliminary crystallographic study of the Nsp9 protein

Campanacci, V. (Archit. et Fonction des Macromolécules Biol., Marseille, France); Egloff, M.-P.; Longhi, S.; Ferron, F.; Rancurel, C.; Salomoni, A.; Dourousseau, C.; Tocque, F.; Bremond, N.; Dobbe, J.C.; Snijder, E.J.; Canard, B.; Cambillau, C. **Source:** *Acta Crystallographica, Section D (Biological Crystallography)*, v D59, pt.9, p 1628-31, Sept. 2003

Database: Inspec

Copyright 2004, IEE

Data Provider: Engineering Village

178. Quantitative and sensitive detection of SARS coronavirus nucleocapsid protein using quantum dots-conjugated RNA aptamer on chip

Roh, Changhyun (Radiation Research Division for Biotechnology, Advanced Radiation Technology Institute (ARTI), Korea Atomic Energy Research Institute (KAERI), 1266, Sinjeong-dong, Jeongeup, Jeonbuk 580-185, Korea, Republic of); Jo, Sung Kee **Source:** *Journal of Chemical Technology and Biotechnology*, v 86, n 12, p 1475-1479, December 2011

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

179. Mylan announces additional efforts to support response to the COVID-19 pandemic by voluntarily waiving its marketing exclusivity in the US for lopinavir/ritonavir to help ensure wider availability to meet potential COVID-19 patient needs.

Source: *PR Newswire*, 25 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

180. Bats are natural reservoirs of SARS-like coronaviruses

Li, Wendong (Institute of Zoology, Chinese Academy of Sciences (CAS), Beijing, China); Shi, Zhengli; Yu, Meng; Ren, Wuze; Smith, Craig; Epstein, Jonathan H.; Wang, Hanzhong; Crameri, Gary; Hu, Zhihong; Zhang, Huajun; Zhang, Jianhong; McEachern, Jennifer; Field, Hume; Daszak, Peter; Eaton, Bryan T.; Zhang, Shuyi; Wang, Lin-Fa **Source:** *Science*, v 310, n 5748, p 676-679, October 28, 2005

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

181. PURA sales and production not impacted by Coronavirus - COVID-19.

Source: *PR Newswire*, 28 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

182. GenScript ProBio screens anti-2019 nCoV antibodies in just 24 hours.

Source: *PR Newswire*, 10 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

183. Rapid diagnosis test for coronavirus COVID-19 now available.

Source: *PR Newswire*, 12 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

184. Todos Medical expands on coronavirus (COVID-19) distribution agreement with Shanghai Liangrun subsidiary Gibraltar.

Source: *globenewswire*, 30 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

185. FibroGenesis files patent using its Fibroblast Cell Therapy for Coronavirus (COVID-19) ARDS.

Source: *PR Newswire*, 11 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

186. Epidemiological analysis of MERS-CoV using NN and SVM in respect to applicability of AI in multiple classes

Hong, Soyung (Natural Science, Hankuk Academy of Foreign Studies, Yongin, Korea, Republic of); Choi, Sungwoo; Kim, Donghyun; Yoon, Taeseon **Source:** *International Conference on Advanced Communication Technology, ICACT*, v 0, p 894-899, March 29, 2017, *19th International Conference on Advanced Communications Technology: Opening Era of Smart Society, ICACT 2017 - Proceeding*

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

187. Clover successfully produced 2019-nCoV subunit vaccine candidate and detected cross-reacting antibodies from Sera of multiple infected patients.

Source: *BioSpace*, 10 Feb 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

188. SARS-CoV nucleocapsid protein induced apoptosis of COS-1 mediated by the mitochondrial pathway

Zhang, Lu (Hepatology Institute, Peking University, People's Hospital, Beijing, China); Wei, Lai; Jiang, Dong; Wang, Jianghua; Cong, Xu; Fei, Ran **Source:** *Artificial Cells, Blood Substitutes, and Biotechnology*, v 35, n 2, p 237-253, March/April 2007

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

189. Detection of severe acute respiratory syndrome (SARS) coronavirus nucleocapsid protein in human serum using a localized surface plasmon coupled fluorescence fiber-optic biosensor

Huang, Jason C. (Department of Biotechnology, Laboratory Science in Medicine, National Yang-Ming University, Taipei, 112, Taiwan); Chang, Ying-Feng; Chen, Kuan-Hsuan; Su, Li-Chen; Lee, Chun-Wei; Chen, Chii-Chang; Chen, Yi-Ming Arthur; Chou, Chien **Source:** *Biosensors and Bioelectronics*, v 25, n 2, p 320-325, October 15, 2009

Database: Chimica

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190. Prediction of epidemic spread of the 2019 novel coronavirus driven by spring festival transportation in China: A populationbased study

Fan, Changyu (School of Sociology, Central China Normal University, Wuhan; Hubei Province; 430079, China); Liu, Linping; Guo, Wei; Yang, Anuo; Ye, Chenchen; Jilili, Maitixirepu; Ren, Meina; Xu, Peng; Long, Hexing; Wang, Yufan
Source: *International Journal of Environmental Research and Public Health*, v 17, n 5, March 1, 2020

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191. Studies on the interactions of Ti-containing polyoxometalates (POMs) with SARS-CoV 3CLpro by molecular modeling

Hu, Donghua (Institute of Functional Material Chemistry, Faculty of Chemistry, Northeast Normal University, Changchun, 130024, China); Shao, Chen; Guan, Wei; Su, Zhongmin; Sun, Jiazhong
Source: *Journal of Inorganic Biochemistry*, v 101, n 1, p 89-94, January 2007

Database: Chimica

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192. Repurposing of clinically developed drugs for treatment of Middle East respiratory syndrome coronavirus infection

Dyall, Julie (Integrated Research Facility, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Frederick, MD, United States); Coleman, Christopher M.; Hart, Brit J.; Venkataraman, Thiagarajan; Holbrook, Michael R.; Kindrachuk, Jason; Johnson, Reed F.; Olinger Jr., Gene G.; Jahrling, Peter B.; Laidlaw, Monique; Johansen, Lisa M.; Lear-Rooney, Calli M.; Glass, Pamela J.; Hensley, Lisa E.; Frieman, Matthew B.
Source: *Antimicrobial Agents and Chemotherapy*, v 58, n 8, p 4885-4893, August 2014

Database: Chimica

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193. Characterizing the Propagation of Situational Information in Social Media during COVID-19 Epidemic: A Case Study on Weibo

Li, Lifang (School of Public Administration, South China University of Technology, Guangzhou; 510641, China); Zhang, Qingpeng; Wang, Xiao; Zhang, Jun; Wang, Tao; Gao, Tian-Lu; Duan, Wei; Tsoi, Kelvin Kam-Fai; Wang, Fei-Yue
Source: *IEEE Transactions on Computational Social Systems*, v 7, n 2, p 556-562, April 2020

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194. Structure of a conserved golgi complex-targeting signal in coronavirus envelope proteins (Open Access)

Li, Yan (School of Biological Sciences, Nanyang Technological University, 60 Nanyang Drive, 637551 Singapore, Singapore); Surya, Wahyu; Claudine, Stephanie; Torres, Jaime
Source: *Journal of Biological Chemistry*, v 289, n 18, p 12535-12549, 41761

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Source: *Chemical Business News Base (CBNB)*, 18 Feb 2020 **Availability:** Johnson & Johnson, website: <http://www.jnj.com/>,

Database: CBNB

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196. Willingness to self-isolate when facing a pandemic risk: Model, empirical test, and policy recommendations

Zhang, Xiaojun (School of Economics and Management, Fuzhou University, Fuzhou; 350108, China); Wang, Fanfan; Zhu, Changwen; Wang, Zhiqiang **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 1, January 2020

Database: GEOBASE

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197. Association between ambient temperature and COVID-19 infection in 122 cities from China (Open Access)

Xie, Jingui (The First Affiliated Hospital of USTC, Division of Life Sciences and Medicine, University of Science and Technology of China, Hefei, China); Zhu, Yongjian **Source:** *Science of the Total Environment*, v 724, 1 July 2020

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Source: *globenewswire*, 7 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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199. Recombinant Sars-Cov nsp12 and the Use of Thereof and the Method for Producing it

Oh, Jong Won; Ahn, Dae Gyun **Assignee:** Industry-Academic Cooperation Foundation, Yonsei University; Kookmin University Industry Academy Cooperation Foundation **Publication Number:** US20110097730 **Publication date:** 04/28/2011 **Kind:** Patent Application Publication

Database: US Patents

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200. Generex provides coronavirus update: Generex receives contract from Chinese partners to develop a COVID-19 vaccine using li-Key peptide vaccines.

Source: *globenewswire*, 27 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

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AlMoammar, Afnan (Computer Science Department, KSU, Riyadh; KSA, Saudi Arabia); AlHenaki, Lubna; Kurdi, Heba **Source:** *Advances in Intelligent Systems and Computing*, v 868, p 1070-1084, 2018, *Intelligent Systems and Applications - Proceedings of the 2018 Intelligent Systems Conference IntelliSys Volume 1*

Database: Compendex

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202. Discovery of a novel family of SARS-CoV protease inhibitors by virtual screening and 3D-QSAR studies

Tsai, Keng-Chang (Institute of Molecular Medicine, Department of Life Science, National Tsing Hua University, Hsinchu 300, Taiwan); Chen, Shih-Yuan; Liang, Po-Huang; Lu, I-Lin; Mahindroo, Neeraj; Hsieh, Hsing-Pang; Chao, Yu-Sheng; Liu, Lincoln; Liu, Donald; Lien, Wei; Lin, Thy-Hou; Wu, Su-Ying **Source:** *Journal of Medicinal Chemistry*, v 49, n 12, p 3485-3495, June 15, 2006

Database: Chimica

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203. Bioinformatics Analysis on Potential Anti-Viral Targets Against Spike Protein of MERS-CoV

Li, Yan-Hua (State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, First Affiliated Hospital, College of Medicine, Zhejiang University, Hangzhou; 310031, China); Gao, Hainv; Xiao, Yunfeng; Weng, Tianhao; Yu, Dongshan; Hu, Chenyu; Yao, Hang-Ping; Li, Lan-Juan **Source:** *Proceedings - 9th International Conference on Information Technology in Medicine and Education, ITME 2018*, p 67-71, December 26, 2018, *Proceedings - 9th International Conference on Information Technology in Medicine and Education, ITME 2018*

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204. Discovery of unsymmetrical aromatic disulfides as novel inhibitors of SARS-CoV main protease: Chemical synthesis, biological evaluation, molecular docking and 3D-QSAR study

Wang, Li (State-Key Laboratory and Research Institute of Elemento-Organic Chemistry, National Pesticide Engineering Research Center, College of Chemistry, Nankai University, Tianjin; 300071, China); Bao, Bo-Bo; Song, Guo-Qing; Chen, Cheng; Zhang, Xu-Meng; Lu, Wei; Wang, Zefang; Cai, Yan; Li, Shuang; Fu, Sheng; Song, Fu-Hang; Yang, Haitao; Wang, Jian-Guo **Source:** *European Journal of Medicinal Chemistry*, v 137, p 450-461, 2017

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Zhang, Xue Wu (Hong Kong Univ.-Pasteur Res. Centre, Dexter H.C. Man Building, 8 Sassoon Road, Pokfulam, HongKong, China); Yap, Yee Leng **Source:** *Journal of Molecular Structure: THEOCHEM*, v 681, n 1-3, p 137-141, July 26, 2004

Database: Chimica

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206. Structural similarity between HIV-1 gp41 and SARS-CoV S2 proteins suggests an analogous membrane fusion mechanism

Zhang, Xue Wu (HKU-Pasteur Research Center, Bioinformatics, 8 Sassoon Road, Pokfulam, Hong Kong); Yap, Yee Leng **Source:** *Journal of Molecular Structure: THEOCHEM*, v 677, n 1-3, p 73-76, May 2004

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Xiao, X. (Protein Interactions Group, LECB, CCR, Frederick, MD 21702-1201, United States); Dimitrov, D.S. **Source:** *Cellular and Molecular Life Sciences*, v 61, n 19-20, p 2428-2430, October 2004

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Zhou, Haixia (The Ministry of Education Key Laboratory of Protein Science, Beijing Advanced Innovation Center for Structural Biology, Beijing Frontier Research Center for Biological Structure, Collaborative Innovation Center for Biotherapy, School of Life Sciences, Tsinghua University, Beijing; 100084, China); Chen, Yingzhu; Zhang, Shuyuan; Niu, Peihua; Qin, Kun; Jia, Wenxu; Huang, Baoying; Zhang, Senyan; Lan, Jun; Zhang, Linqi; Tan, Wenjie; Wang, Xinquan **Source:** *Nature Communications*, v 10, n 1, December 1, 2019

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Vellingiri, Balachandar (Human Molecular Cytogenetics and Stem Cell Laboratory, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore; Tamil Nadu; 641 046, India); Jayaramayya, Kaavya; Iyer, Mahalaxmi; Narayanasamy, Arul; Govindasamy, Vivekanandhan; Giridharan, Bupesh; Ganesan, Singaravelu; Venugopal, Anila; Venkatesan, Dhivya; Ganesan, Harsha; Rajagopalan, Kamarajan; Rahman, Pattanathu K.S.M.; Cho, Ssang-Goo; Kumar, Nachimuthu Senthil; Subramaniam, Mohana Devi **Source:** *Science of the Total Environment*, v 725, 10 July 2020

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210. Structural and dynamic characterization of the interaction of the putative fusion peptide of the S2 SARS-CoV virus protein with lipid membranes

Guillén, Jaime (Instituto de Biología Molecular y Celular, Universidad Miguel Hernández, E-03202, Elche-Alicante, Spain); De Almeida, Rodrigo F. M.; Prieto, Manuel; Villalaín, José **Source:** *Journal of Physical Chemistry B*, v 112, n 23, p 6997-7007, June 12, 2008

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211. The daily computed weighted averaging basic reproduction number $R_0, k, \#n$ for MERS-CoV in South Korea

Jeong, Darae (Department of Mathematics, Korea University, Seoul; 136-713, Korea, Republic of); Lee, Chang Hyeong; Choi, Yongho; Kim, Junseok **Source:** *Physica A: Statistical Mechanics and its Applications*, v 451, p 190-197, June 1, 2016

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Zhang, Rui (Department of Vascular Surgery, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China); Wang, Xuebin; Ni, Leng; Di, Xiao; Ma, Baitao; Niu, Shuai; Liu, Changwei; Reiter, Russel J. **Source:** *Life Sciences*, v 250, 1 June 2020

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Chen, Lili (Drug Discovery and Design Center, Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, 201203, China); Li, Jian; Luo, Cheng; Liu, Hong; Xu, Weijun; Chen, Gang; Liew, Oi Wah; W., Zhu; C.M., Puah; X., Shen; H., Jiang **Source:** *Bioorganic and Medicinal Chemistry*, v 14, n 24, p 8295-8306, December 15, 2006

Database: Chimica

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214. Identification and design of novel small molecule inhibitors against MERS-CoV papain-like protease via high-throughput screening and molecular modeling

Lee, Hyun (Center for Biomolecular Sciences and Department of Medicinal Chemistry and Pharmacognosy, University of Illinois at Chicago, 900 S. Ashland, IL; 60607, United States); Ren, Jinhong; Pesavento, Russell P.; Ojeda, Isabel; Rice, Amy J.; Lv, Haining; Kwon, Youngjin; Johnson, Michael E. **Source:** *Bioorganic and Medicinal Chemistry*, v 27, n 10, p 1981-1989, 15 May 2019

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215. Portable chest X-ray in coronavirus disease-19 (COVID-19): A pictorial review [\(Open Access\)](#)

Jacobi, Adam (Department of Diagnostic, Molecular and Interventional Radiology, Icahn School of Medicine at Mount Sinai, New York, NY. 1 Gustave L. Levy Pl, Bix 1234, New York; NY; 10029, United States); Chung, Michael; Bernheim, Adam; Eber, Corey **Source:** *Clinical Imaging*, v 64, p 35-42, August 2020

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216. Synthesis of glutamic acid and glutamine peptides possessing a trifluoromethyl ketone group as SARS-CoV 3CL protease inhibitors

Sydnese, Magne O. (Department of Medicinal Chemistry, Center for Frontier Research in Medicinal Science, 21st Century COE Program, Kyoto, 607-8412, Japan); Hayashi, Yoshio; Sharma, Vinay K.; Hamada, Takashi; Bacha, Usman; Barrila, Jennifer; Freire, Ernesto; Kiso, Yoshiaki **Source:** *Tetrahedron*, v 62, n 36, p 8601-8609, September 4, 2006

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217. Correlation between weather and Covid-19 pandemic in Jakarta, Indonesia

Tosepu, Ramadhan (Department of Environmental Health, Faculty of Public Health, University of Halu Oleo, Indonesia); Gunawan, Joko; Effendy, Devi Savitri; Ahmad, La Ode Ali Imran; Lestari, Hariati; Bahar, Hartati; Asfian, Pitrah **Source:** *Science of the Total Environment*, v 725, 10 July 2020

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Source: *globoNewsWire*, 24 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

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Proteins (Open Access)

Li, Yan-Hua (State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, Hangzhou; 310003, China); Hu, Chen-Yu; Wu, Nan-Ping; Yao, Hang-Ping; Li, Lan-Juan **Source:** *Engineering*, v 5, n 5, p 940-947, October 2019

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220. Tauriga Sciences Inc and Aegea Biotechnologies Inc enter into collaboration agreement to develop a rapid, multiplexed novel coronavirus (COVID-19) test designed to exhibit superior performance.

Source: *globenewswire*, 7 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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221. Early Prediction of the 2019 Novel Coronavirus Outbreak in the Mainland China Based on Simple Mathematical Model

Linhao Zhong (Key Lab. of Regional Climate-Environ. for Temperate East Asia, Inst. of Atmos. Phys., Beijing, China); Lin Mu; Jing Li; Jiaying Wang; Zhe Yin; Darong Liu **Source:** *IEEE Access*, v 8, p 51761-9, 2020

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222. Thrombocytopenia is associated with severe coronavirus disease 2019 (COVID-19) infections: A meta-analysis

Lippi, Giuseppe (Section of Clinical Biochemistry, Department of Neuroscience, Biomedicine and Movement, University of Verona, Verona, Italy); Plebani, Mario; Henry, Brandon Michael **Source:** *Clinica Chimica Acta*, v 506, p 145-148, July 2020

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223. Dynavax and Sinovac announce collaboration to develop a coronavirus (COVID-19) vaccine.

Source: *globenewswire*, 16 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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224. Innovation Pharmaceuticals submits Material Transfer Agreement to study lead defensin mimetic Brilacidin for coronavirus (COVID-19).

Source: *globenewswire*, 24 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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Source: *globenewswire*, 12 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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Thi Hong Van Nguyen (AFMB, Aix-Marseille Univ., Marseilles, France); Lichiere, J.; Canard, B.; Papageorgiou, N.; Attoumani, S.; Ferron, F.; Coutard, B. **Source:** *Acta Crystallographica Section D: Structural Biology*, v D75, n 1, p 8-15, 1 Jan. 2019

Database: Inspec

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Source: *Chemical Business News Base (CBNB)*, 24 Mar 2020 **Availability:** Dynavax Technologies, website: <http://www.dynavax.com/>

Database: CBNB

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Source: *BioSpace*, 14 Apr 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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Source: *PR Newswire*, 20 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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Source: *PBR Pharmaceutical Business Review*, 10 Mar 2020 **Availability:** Website: <http://www.pharmaceutical-business-review.com/>

Database: CBNB

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Source: *PBR Pharmaceutical Business Review*, 9 Mar 2020 **Availability:** Website: <http://www.pharmaceutical-business-review.com/>

Database: CBNB

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232. ANTIBODIES AGAINST SARS-CoV AND METHODS OF USE THEREOF

MARASCO, Wayne; SUI, Jianhua **Assignee:** DANA-FARBER CANCER INSTITUTE; MARASCO, Wayne; SUI, Jianhua **Publication Number:** WO2007044695 **Publication date:** 04/19/2007 **Kind:** Patent Application
Publication(Republication)

Database: WO Patents

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Source: *BioSpace*, 19 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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234. Innovation Pharmaceuticals Brilacidin received by US Regional Biocontainment Laboratory; testing against coronavirus (COVID-19).

Source: *globenewswire*, 9 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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Source: *globenewswire*, 9 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

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MARASCO, Wayne; SUI, Jianhua **Assignee:** DANA-FARBER CANCER INSTITUTE; MARASCO, Wayne; SUI, Jianhua **Publication Number:** WO2007044695 **Publication date:** 08/23/2007 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

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Source: *globenewswire*, 27 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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Source: *Chemical Business News Base (CBNB)*, 12 Mar 2020 **Availability:** Mitsubishi Tanabe Pharma, website: <http://www.mt-pharma.co.jp/e/index.php>

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Li, Wendong (Institute of Zoology, Chinese Academy of Sciences (CAS), Beijing, China); Shi, Zhengli; Yu, Meng; Ren, Wuzhe; Smith, Craig; Epstein, Jonathan H.; Wang, Hanzhong; Crameri, Gary; Hu, Zhihong; Zhang, Huajun; Zhang, Jianhong; McEachern, Jennifer; Field, Hume; Daszak, Peter; Eaton, Bryan T.; Zhang, Shuyi; Wang, Lin-Fa **Source:** *Science*, v 310, n 5748, p 676-679, October 28, 2005

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Source: *PR Newswire*, 12 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

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Sandhu, R. (Comput. Sci. & Eng. Dept., Guru Nanak Dev Univ., Gurdaspur, India); Sood, S.K.; Kaur, G. **Source:** *Journal of Supercomputing*, v 72, n 8, p 3033-56, Aug. 2016

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242. Mechanistic modelling of multiple waves in an influenza epidemic or pandemic

Xu, Bo (Ministry of Education Key Laboratory for Earth System Modeling, Department of Earth System Science, Tsinghua University, Beijing; 100084, China); Cai, Jun; He, Daihai; Chowell, Gerardo; Xu, Bing **Source:** *Journal of Theoretical Biology*, v 486, 7 February 2020

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243. I-Mab Biopharma announces development of TJM2 to treat cytokine release syndrome associated with severe and critically-ill patients with coronavirus disease (COVID-19).

Source: *globenewswire*, 13 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

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Liu Zheng Xue (State Key Lab. of Virology, Wuhan Univ., Wuhan, China); Wang Zhan Hui; Liu YingLe; Dong Wei; Qi Yi Peng **Source:** *Chinese Science Bulletin*, v 52, n 15, p 2072-80, Aug. 2007

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YeeLeng Yap (Inst. Pasteur, Paris, France); XueWu Zhang; Andonov, A.; RunTao He **Source:** *Computational Biology and Chemistry*, v 29, n 3, p 212-19, June 2005

Database: Inspec

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246. Structural analysis of inhibition mechanisms of Aurintricarboxylic Acid on SARS-CoV polymerase and other proteins

Yap, Yeeleng (Institute Pasteur, Unité de Génétique des Génomes Bactériens, CNRS URA 2171, 28 rue du Docteur Roux, 75724 Paris Cedex 15, France); Zhang, Xuewu; Andonov, Anton; He, Runtao **Source:** *Computational Biology and Chemistry*, v 29, n 3, p 212-219, June 2005

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Sandhu, Rajinder (Computer Science and Engineering Department, Guru Nanak Dev University, Regional Campus, Gurdaspur; Punjab, India); Sood, Sandeep K.; Kaur, Gurpreet **Source:** *Journal of Supercomputing*, v 72, n 8, p 3033-3056, August 1, 2016

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Source: *PR Newswire*, 9 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

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Source: *PR Newswire*, 24 Jan 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

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Hu, Hui (State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy of Science, Wuhan 430071, China); Tao, Ling; Wang, Yabin; Chen, Liying; Yang, Jihong; Wang, Hanzhong **Source:** *Biotechnology Letters*, v 31, n 11, p 1685-1693, October 2009

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251. Comparative therapeutic efficacy of remdesivir and combination lopinavir, ritonavir, and interferon beta against MERS-CoV

Sheahan, Timothy P. (Department of Epidemiology, University of North Carolina at Chapel Hill, Chapel Hill; NC, United States); Sims, Amy C.; Leist, Sarah R.; Schäfer, Alexandra; Won, John; Brown, Ariane J.; Montgomery, Stephanie A.; Hogg, Alison; Babusis, Darius; Clarke, Michael O.; Spahn, Jamie E.; Bauer, Laura; Sellers, Scott; Porter, Danielle; Feng, Joy Y.; Cihlar, Tomas; Jordan, Robert; Denison, Mark R.; Baric, Ralph S. **Source:** *Nature Communications*, v 11, n 1, December 1, 2020

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252. Dynavax and Sinovac announce collaboration to develop a coronavirus (COVID-19) vaccine.

Source: *Chemical Business News Base (CBNB)*, 16 Apr 2020 **Availability:** Dynavax Technologies, website: <http://www.dynavax.com/>

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253. A time delay dynamical model for outbreak of 2019-nCoV and the parameter identification

Chen, Yu (School of Mathematical Sciences and SKLCAM, Fudan University, Shanghai; 200433, China); Cheng, Jin; Jiang, Yu; Liu, Keji **Source:** *Journal of Inverse and Ill-Posed Problems*, v 28, n 2, p 243-250, April 1, 2020

Database: Compendex

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254. Rapid purification of anti-SARS-CoV protein n monoclonal antibody by using magnetic beads

Yu, Yu Xi (Department of Materials Science and Engineering, Fujian Key Laboratory of Advanced Materials, Xiamen University, 422 Siming Road South, Xiamen, 361005, China); Liu, Xian Qiao **Source:** *Advanced Materials Research*, v 236-238, p 2146-2149, 2011, *Application of Chemical Engineering*

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255. Preparation and characteristics of anti-SARS-CoV immunoglobulin poly (lactide-co-glycolide acid) microspheres

Chen, Shan (Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences, Beijing 100071, China); Li, Ping; Tao, Sheng-Yuan; Ding, Jian-Xin; Dou, Yuan-Yuan; Zhao, Guang-Yu; Wang, Xi-Liang; Wang, Hong-Quan **Source:** *Chinese Pharmaceutical Journal*, v 40, n 14, p 1077-1079, July 2005 **Language:** Chinese

Database: Compendex

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256. Rule generation using NN and GA for SARS-CoV cleavage site prediction

Yeon-Jin Cho (Dept. of Comput. Sci. Educ., Korea Univ., Seoul, Korea, Republic of); Hyeoncheol Kim **Source:** *Knowledge-Based Intelligent Information and Engineering Systems. 9th International Conference, KES 2005. Proceedings, Part III (Lecture Notes in Artificial Intelligence Vol. 3683)*, p 785-91, 2005

Database: Inspec

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257. Rule generation using NN and GA for SARS-CoV cleavage site prediction

Cho, Yeon-Jin (Department of Computer Science Education, Korea University, Seoul, 136-701, Korea, Republic of); Kim, Hyeoncheol **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 3683 LNAI, p 785-791, 2005, *Knowledge-Based Intelligent Information and Engineering Systems - 9th International Conference, KES 2005, Proceedings*

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258. Thermostability of the N-terminal RNA-binding domain of the SARS-CoV nucleocapsid protein: experiments and numerical simulations

Fang, H.-J. (Inst. of Phys., Acad. Sinica, Taipei, Taiwan); Yong-Zhong Chen; Mai Suan Li; Ming-Chya Wu; Chun-Ling Chang; Chung-ke Chang; Hsu, Y.-I.; Tai-huang Huang; Hueih-Min Chen; Tian-Yow Tsong; Chin-Kun Hu **Source:** *Biophysical Journal*, v 96, n 5, p 1892-901, 4 March 2009

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259. Construction of isopeptide bridge-tethered NHR-trimeric coiled-coil in MERS-CoV membrane fusion protein

Zheng, Xi (Beijing Institute of Pharmacology and Toxicology, State Key Laboratory of Toxicology and Medical Countermeasures, Beijing; 100850, China); Liang, Guodong; Wang, Chao; Liu, Keliang **Source:** *Gaodeng Xuexiao Huaxue Xuebao/Chemical Journal of Chinese Universities*, v 37, n 9, p 1643-1648, September 10, 2016 **Language:** Chinese

Database: Compendex

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260. Alternative screening approaches for discovery of Middle East respiratory syndrome coronavirus inhibitors

La Femina, Robert L. (Antimicrobial Agents and Chemotherapy, Schwenksville, PA, United States) **Source:** *Antimicrobial Agents and Chemotherapy*, v 58, n 8, p 4251-4252, August 2014

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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261. From an integrated biochip detection system to a defensive weapon against the SARS-CoV virus: OBMorph

Chih-Kung Lee (Inst. of Appl. Mech., Nat. Taiwan Univ., Taipei, Taiwan); Chi-Wan Lin; Shiming Lin; Shih-Yuan Lee, A.; Jiun-Yan Wu; Shu-Sheng Lee; Wen-Hsin Hsiao; Shih-Jui Chen; An-Bang Wang **Source:** *Nanoengineered Assemblies and Advanced Micro-Nanosystems (Materials Research Society Symposium Proceedings Vol.820)*, p 249-60, 2004

Database: Inspec

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262. Virtual screening and repurposing of FDA approved drugs against COVID-19 main protease

Kandeel, Mahmoud (Department of Biomedical Sciences, College of Veterinary Medicine, King Faisal University, Al-hofuf; Al-ahsa; 31982, Saudi Arabia); Al-Nazawi, Mohammed **Source:** *Life Sciences*, v 251, 15 June 2020

Database: Chimica

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263. Development of Label-Free Colorimetric Assay for MERS-CoV Using Gold Nanoparticles

Kim, Hanbi (Smart Healthcare and Device Research Center and sectCenter for Infection Prevention and Control, Samsung Medical Center, Seoul, Korea, Republic of); Park, Minseon; Hwang, Joonki; Kim, Jin Hwa; Chung, Doo-Ryeon; Lee, Kyu-sung; Kang, Minhee **Source:** *ACS Sensors*, v 4, n 5, p 1306-1312, May 24, 2019

Database: Compendex

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264. Quansys Biosciences releases multiplex human serological SARS-CoV-2 (4-plex) ELISA.

Source: *PR Newswire*, 15 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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265. T2 Biosystems announces worldwide licensing agreement of COVID-19, novel coronavirus assay from Hackensack Meridian Health's Center for Discovery and Innovation.

Source: *globenewswire*, 24 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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266. Synthesis and evaluation of benzoquinolinone derivatives as SARS-CoV 3CL protease inhibitors

Ahn, Tae-Young (Bio-organic Science Division, Korea Research Institute of Chemical Technology, Daejeon 305-600, Korea, Republic of); Kuo, Chih-Jung; Liu, Hun-Ge; Ha, Deok-Chan; Liang, Po-Huang; Jung, Young-Sik **Source:** *Bulletin of the Korean Chemical Society*, v 31, n 1, p 87-91, January 2010

Database: Compendex

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267. Synthesis and biological evaluation of nucleoside analogues having 6-chloropurine as anti-SARS-CoV agents

Ikejiri, Masahiro (Faculty of Pharmaceutical Sciences at Kagawa Campus, Tokushima Bunri University, 1314-1 Shido, Sanuki, Kagawa 769-2193, Japan); Saijo, Masayuki; Morikawa, Shigeru; Fukushi, Shuetsu; Mizutani, Tetsuya; Kurane, Ichiro; Maruyama, Tokumi **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 17, n 9, p 2470-2473, May 1, 2007

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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268. Structure-based design, synthesis, and biological evaluation of peptidomimetic SARS-CoV 3CLpro inhibitors

Ghosh, Arun K. (Departments of Chemistry and Medicinal Chemistry, Purdue University, West Lafayette, IN 47907, United States); Xi, Kai; Grum-Tokars, Valerie; Xu, Xiaoming; Ratia, Kiira; Fu, Wentao; Houser, Katherine V.; Baker, Susan C.; Johnson, Michael E.; Meseccar, Andrew D. **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 17, n 21, p 5876-5880, November 1, 2007

Database: Chimica

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269. US Regional Biocontainment Lab to begin testing of Brilacidin against coronavirus (COVID-19) next week.

Source: *globenewswire*, 10 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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270. Combination of functionalized nanoparticles and polymerase chain reaction-based method for SARS-CoV gene detection

Gong, Ping (State Key Laboratory of Chemo/Biosensing and Chemometrics, College of Chemistry and Chemical Engineering, Hunan University, Changsha, 410082, China); He, Xiaoxiao; Wang, Kemin; Tan, Weihong; Xie, Wengang; Wu, Ping; Li, Huimin **Source:** *Journal of Nanoscience and Nanotechnology*, v 8, n 1, p 293-300, January 2008

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271. Design, synthesis and antiviral efficacy of a series of potent chloropyridyl ester-derived SARS-CoV 3CLpro inhibitors

Ghosh, Arun K. (Departments of Chemistry and Medicinal Chemistry, Purdue University, 560 Oval drive, West Lafayette, IN 47907, United States); Gong, Gangli; Grum-Tokars, Valerie; Mulhearn, Debbie C.; Baker, Susan C.; Coughlin, Melissa; Prabhakar, Bellur S.; Sleeman, Katrina; Johnson, Michael E.; Mesecar, Andrew D. **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 18, n 20, p 5684-5688, October 15, 2008

Database: Chimica

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272. Mesa Biotech developing molecular point-of-care (PCR) diagnostic test for novel coronavirus (COVID-19).

Source: *PR Newswire*, 4 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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273. Dynavax provides business update on COVID-19 pandemic impact.

Source: *Chemical Business News Base (CBNB)*, 2 Apr 2020 **Availability:** Dynavax Technologies, website: <http://www.dynavax.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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274. APEIRON's respiratory drug product to start pilot clinical trial to treat coronavirus disease COVID-19 in China.

Source: *BioSpace*, 26 Feb 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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275. Europe: Qiagen introduces rapid test for the detection of Sars-CoV-2.

Source: *Nachrichten fuer Aussenhandel*, 19 Mar 2020 **Language:** German **Availability:** Website: <http://www.maerkte-weltweit.de>

Database: CBNB

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276. Chimeric camel/human heavy-chain antibodies protect against MERS-CoV infection **(Open Access)**

Raj, V. Stalin (Department of Viroscience, Erasmus Medical Center, Rotterdam, Netherlands); Okba, Nisreen M. A.; Gutierrez-Alvarez, Javier; Drabek, Dubravka; van Dieren, Brenda; Widagdo, W.; Lamers, Mart M.; Widjaja, Ivy; Fernandez-Delgado, Raul; Sola, Isabel; Bensaid, Albert; Koopmans, Marion P.; Segalés, Joaquim; Osterhaus, Albert D. M. E.; Bosch, Berend Jan; Enjuanes, Luis; Haagmans, Bart L. **Source:** *Science Advances*, v 4, n 8, August 8, 2018

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277. NMR assignment of the domain 513-651 from the SARS-CoV nonstructural protein nsp3

Chatterjee, A. (Dept. of Mol. Biol., Scripps Res. Inst., La Jolla, CA, United States); Johnson, M.A.; Serrano, P.; Pedrini, B.; Wuthrich, K. **Source:** *Biomolecular NMR Assignments*, v 1, n 2, p 191-4, Dec. 2007

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278. COVID-19: A promising cure for the global panic

Vellingiri, Balachandar (Human Molecular Cytogenetics and Stem Cell Laboratory, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore; Tamil Nadu; 641 046, India); Jayaramayya, Kaavya; Iyer, Mahalaxmi; Narayanasamy, Arul; Govindasamy, Vivekanandhan; Giridharan, Bupesh; Ganesan, Singaravelu; Venugopal, Anila; Venkatesan, Dhivya; Ganesan, Harsha; Rajagopalan, Kamarajan; Rahman, Pattanathu K.S.M.; Cho, Ssang-Goo; Kumar, Nachimuthu Senthil; Subramaniam, Mohana Devi **Source:** *Science of the Total Environment*, v 725, 10 July 2020

Database: Chimica

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279. Check-Cap provides update on COVID-19 pandemic impact on operational and clinical activities.

Source: *PR Newswire*, 6 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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280. Innovation Pharmaceuticals signs second MTA to explore Brilacidin as coronavirus COVID-19 treatment.

Source: *globenewswire*, 6 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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281. COVID-19 molecular test from XCR Diagnostics delivers results in half the time of existing coronavirus tests.

Source: *BioSpace*, 17 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

282. ACC's virtual scientific session may limit impact of COVID-19 pandemic on cardiovascular research and market.

Source: *Chemical Business News Base (CBNB)*, 19 Mar 2020 **Availability:** Global Data, website: <http://www.energy.globaldata.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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283. An overview of immunological and genetic methods for detecting swine coronaviruses, transmissible gastroenteritis virus, and porcine respiratory coronavirus in tissues

Sirinarumitr, Theerapol (Iowa State University, College of Veterinary Medicine, Vet. Medical Research Institute, Ames, IA 50011, United States); Paul, Prem S.; Halbur, Patrick G.; Kluge, John P. **Source:** *Advances in Experimental Medicine and Biology*, v 412, p 37-46, 1997

Database: Chimica

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284. Dynavax and CEPI announce collaboration to support global effort to develop a vaccine for coronavirus (COVID-19).

Source: *Chemical Business News Base (CBNB)*, 26 Mar 2020 **Availability:** Dynavax Technologies, website: <http://www.dynavax.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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285. Sensitive Detection of Multiple Fluorescence Probes based on Surface-enhanced Raman Scattering (SERS) for MERS-CoV

Hanbi Kim (Samsung Med. Center, Smart Healthcare & Device Res. Center, Seoul, Korea, Republic of); Joonki Hwang; Jin Hwa Kim; Sangyeop Lee; Minhee Kang **Source:** *2019 IEEE 14th International Conference on Nano/Micro Engineered and Molecular Systems (NEMS)*, p 498-501, 2019

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Data Provider: Engineering Village

286. Recombinant SARS-CoV nsp12 and the use of thereof and the method for producing it

Oh, Jong Won; Ahn, Dae Gyun **Assignee:** Industry-Academic Cooperation Foundation, Yonsei University Kookmin University Industry Academy Cooperation Foundation **Publication Number:** US8470335 **Publication date:** 06/25/2013 **Kind:** Patent

Database: US Patents

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287. Identification of probable genomic packaging signal sequence from SARS_CoV genome by bioinformatics analysis

Qin, Lei (Shanghai Ctr. for Bioinfo. Technol., Shanghai 201203, China); Xiong, Bin; Luo, Cheng; Guo, Zong-Ming; Hao, Pei; Su, Jiong; Nan, Peng; Feng, Ying; Shi, Yi-Xiang; Yu, Xiao-Jing; Luo, Xiao-Min; Chen, Kai-Xian; Shen, Xu; Shen, Jian-Hua; Zou, Jian-Ping; Zhao, Guo-Ping; Shi, Tie-Liu; He, Wei-Zhong; Zhong, Yang; Jiagn, Hua-Liang; Li, Yi-Xue **Source:** *Acta Pharmacologica Sinica*, v 24, n 6, p 489-496+619, June 1, 2003

Database: Chimica

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288. Putative hAPN receptor binding sites in SARS_CoV spike protein

Yu, Xiao-Jing (Shanghai Inst. for Biol. Sciences, Chinese Academy of Sciences, Shanghai 200031, China); Luo, Cheng; Lin, Jian-Cheng; Hao, Pei; He, You-Yu; Guo, Zong-Ming; Qin, Lei; Su, Jiong; Liu, Bo-Shu; Huang, Yin; Nan, Peng; Li, Chuan-Song; Xiong, Bin; Luo, Xiao-Min; Zhao, Guo-Ping; Pei, Gang; Chen, Kai-Xian; Shen, Xu; Shen, Jian-Hua; Zou, Jian-Ping; He, Wei-Zhong; Shi, Tie-Liu; Zhong, Yang; Jiang, Hua-Liang; Li, Yi-Xue **Source:** *Acta Pharmacologica Sinica*, v 24, n 6, p 481-488+619, June 1, 2003

Database: Chimica

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289. Notice regarding start the development of simple and rapid testing kits for COVID-19, novel coronavirus infection.

Source: *Chemical Business News Base (CBNB)*, 13 Feb 2020 **Availability:** Denka, website: <http://www.denka.co.jp/eng/top.htm>

Database: CBNB

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290. MERS-COV VACCINE

WEINER, David, B.; MUTHUMANI, Karuppiah; SARDESAI, Niranjan, Y. **Assignee:** The Trustees of The University of Pennsylvania; Inovio Pharmaceuticals, Inc. **Publication Number:** EP3074051 **Publication date:** 10/05/2016 **Kind:** Patent Application Publication

Database: EP Patents

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291. A second SARS-CoV S2 glycoprotein internal membrane-active peptide. Biophysical characterization and membrane interaction

Guillén, Jaime (Instituto de Biología Molecular Y Celular, Campus de Elche, Universidad Miguel Hernández, E-03202 Elche-Alicante, Spain); Pérez-Berná, Ana J.; Moreno, Miguel R.; Villalaín, José **Source:** *Biochemistry*, v 47, n 31, p 8214-8224, August 5, 2008

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292. SARS-CoV accessory protein 3b induces AP-1 transcriptional activity through activation of JNK and ERK pathways

Varshney, Bhavna (Virology Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi 110018, India); Lal, Sunil K. **Source:** *Biochemistry*, v 50, n 24, p 5419-5425, June 21, 2011

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293. Procalcitonin in patients with severe coronavirus disease 2019 (COVID-19): A meta-analysis

Lippi, Giuseppe (Section of Clinical Biochemistry, Department of Neuroscience, Biomedicine and Movement, University of Verona, Verona, Italy); Plebani, Mario **Source:** *Clinica Chimica Acta*, v 505, p 190-191, June 2020

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294. Concentration and detection of SARS coronavirus in sewage from Xiao Tang Shan hospital and the 309th Hospital of the Chinese People's Liberation Army

Wang, X.W. (Intitute of Hygiene and Environmental Medicine, Academy of Military Medical Sciences, 1 Da Li Road, Tiajin 300050, China); Li, J.; Guo, T.; Zhen, B.; Kong, Q.; Yi, B.; Li, Z.; Song, N.; Jin, M.; Xiao, W.; Zhu, X.; Gu, C.; Yin, J.; Wei, W.; Yao, W.; Liu, C.; Li, J.; Ou, G.; Wang, M.; Fang, T.; Wang, G.; Qiu, Y.; Wu, H.; Chao, F.; Li, J. **Source:** *Water Science and Technology*, v 52, n 8, p 213-221, 2005

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295. Biflavonoids from *Torreya nucifera* displaying SARS-CoV 3CLpro inhibition

Ryu, Young Bae (Eco-Friendly Biomaterial Research Center, AI Control Material Research Center, Korea Research Institute of Bioscience and Biotechnology, Jeongeup 580-185, Korea, Republic of); Jeong, Hyung Jae; Kim, Jang Hoon; Kim, Young Min; Park, Ji-Young; Kim, Doman; Naguyen, Thi Thanh Hanh; Park, Su-Jin; Chang, Jong Sun; Park, Ki Hun; Rho, Mun-Chual; Lee, Woo Song **Source:** *Bioorganic and Medicinal Chemistry*, v 18, n 22, p 7940-7947, 2010

Database: Chimica

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Data Provider: Engineering Village

296. MERS-COV VACCINE

WEINER, David, B.; MUTHUMANI, Karuppiyah; SARDESAI, Niranjan, Y. **Assignee:** THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; INOVIO PHARMACEUTICALS, INC. **Publication Number:** WO2015081155

Publication date: 06/04/2015 **Kind:** Patent Application Publication

Database: WO Patents

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297. Tanshinones as selective and slow-binding inhibitors for SARS-CoV cysteine proteases

Park, Ji-Young (Infection Control Research Center, Korea Research Institute of Bioscience and Biotechnology, KRIBB, Jeongeup 580-185, Korea, Republic of); Kim, Jang Hoon; Kim, Young Min; Jeong, Hyung Jae; Kim, Dae Wook; Park, Ki Hun; Kwon, Hyung-Jun; Park, Su-Jin; Lee, Woo Song; Ryu, Young Bae **Source:** *Bioorganic and Medicinal Chemistry*, v 20, n 19, p 5928-5935, October 1, 2012

Database: Chimica

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298. Sequential affinity purification of peroxidase tagged bispecific anti-SARS-CoV antibodies on phenylboronic acid agarose

Bhatnagar, Pravin K. (Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta, Edmonton, Alta. T6G 2N8, Canada); Das, Dipankar; Suresh, Mavanur R. **Source:** *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, v 863, n 2, p 235-241, March 1, 2008

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299. Synthesis and evaluation of phenylisoserine derivatives for the SARS-CoV 3CL protease inhibitor

Konno, Hiroyuki (Department of Biological Engineering, Graduate School of Science and Engineering, Yamagata University, Yonezawa; Yamagata; 992-8510, Japan); Onuma, Takumi; Nitani, Ikumi; Wakabayashi, Masaki; Yano, Shigekazu; K., Teruya, K., Akaji **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 27, n 12, p 2746-2751, 2017

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300. MERS-CoV Vaccine

Weiner, David; Muthumani, Karupiah; Sardesai, Niranjan Y. **Assignee:** The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc. **Publication Number:** US20190022213 **Publication date:** 01/24/2019

Kind: Patent Application Publication

Database: US Patents

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301. Bosch developing COVID-19-(SARS-CoV-2) rapid testing kit for the Vivalytic platform.

Source: *PR Newswire*, 26 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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302. A novel vaccine against the middle east respiratory syndrome coronavirus (MERS-CoV)

Sutter, Gerd; Fux, Robert; Volz, Asisa; Song, Fei; Becker, Stephan; Eickmann, Markus **Assignee:** Ludwig-Maximilians-Universität München; Philipps-Universität Marburg **Publication Number:** EP3045181 **Publication date:** 11/14/2018

Kind: Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

303. Luminex receives FDA Emergency Use Authorization for ARIES SARS-CoV-2 Assay to detect virus responsible for COVID-19 disease.

Source: *PR Newswire*, 6 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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304. CEPI and GSK announce collaboration to strengthen the global effort to develop a vaccine for the 2019-nCoV virus.

Source: *PR Newswire*, 5 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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Data Provider: Engineering Village

305. Viracor Eurofins launches Coronavirus SARS-CoV-2 RT-PCR test with same day results (12-18 hours).

Source: *PR Newswire*, 10 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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306. Molecular interaction study of commercial cyclic peptides and MERS-COV papain-like protease as novel drug candidate for MERS-COV

Nasution, M.A.F. (Dept. of Chem., Univ. Indonesia, Depok, Indonesia); Azzuhdi, M.G.; Tambunan, U.S.F. **Source:** *AIP Conference Proceedings*, v 1862, p 030078 (9 pp.), 10 July 2017

Database: Inspec

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307. ADS Biotec in partnership with Kurabo (Japan) launches SARS-CoV-2 antibody detection kit for COVID-19.

Source: *BioSpace*, 25 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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308. Luminex receives FDA emergency use authorization for NxTAG CoV extended panel to detect the SARS-CoV-2 virus that causes COVID-19 disease.

Source: *PR Newswire*, 27 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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309. Identifying accurate classifier models for a text-based MERS-CoV dataset

Kurdia, H. (Computzer Sci. Dept., KSU, Riyadh, Saudi Arabia); AlMansour, N. **Source:** *2017 Intelligent Systems Conference (IntelliSys)*, p 430-5, 2017

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310. Papain-like protease 2 (PLP2) from severe acute respiratory syndrome coronavirus (SARS-CoV): Expression, purification, characterization, and inhibition

Han, Yu-San (Division of Biotechnology and Pharmaceutical Research, National Health Research Institutes, Miaoli County, 350, Taiwan); Chang, Gu-Gang; Juo, Chiun-Gung; Lee, Hong-Jen; Yen, Shiou-Hwei; Hsu, John Tsu-An; Chen, Xin **Source:** *Biochemistry*, v 44, n 30, p 10349-10359, August 2, 2005

Database: Compendex

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311. Macro domain from middle east respiratory syndrome coronavirus (MERS-CoV) is an efficient ADP-ribose binding module: Crystal structure and biochemical studies (Open Access)

Cho, Chao-Cheng (Genome and Systems Biology Degree Program, National Taiwan University, Academia Sinica, Taipei; 10617, Taiwan); Lin, Meng-Hsuan; Chuang, Chien-Ying; Hsu, Chun-Hua **Source:** *Journal of Biological Chemistry*, v 291, n 10, p 4894-4902, March 4, 2016

Database: Compendex

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312. SARS CoV main proteinase: The monomer-dimer equilibrium dissociation constant

Graziano, Vito (Biology Department, Brookhaven National Laboratory, Upton, NY 11973, United States); McGrath, William J.; Yang, Lin; Mangel, Walter F. **Source:** *Biochemistry*, v 45, n 49, p 14632-14641, December 12, 2006

Database: Compendex

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313. 2019 performance: stronger foundation to absorb global effects of COVID-19 pandemic: Biopharmaceutical Contract Manufacturing business.

Source: *Chemical Business News Base (CBNB)*, 8 Apr 2020 **Availability:** Boehringer Ingelheim, website: <http://www.boehringer-ingelheim.com/>

Database: CBNB

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314. 2019 performance: stronger foundation to absorb global effects of COVID-19 pandemic: Animal Health business.

Source: *Chemical Business News Base (CBNB)*, 8 Apr 2020 **Availability:** Boehringer Ingelheim, website: <http://www.boehringer-ingelheim.com/>

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315. Dynamical transmission model of MERS-CoV in two areas

Yong, B. (Dept. of Math., Parahyangan Catholic Univ., Bandung, Indonesia); Owen, L. **Source:** *AIP Conference Proceedings*, v 1716, p 020010 (7 pp.), 29 Feb. 2016

Database: Inspec

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316. 2019 performance: stronger foundation to absorb global effects of COVID-19 pandemic: Human Pharma business.

Source: *Chemical Business News Base (CBNB)*, 8 Apr 2020 **Availability:** Boehringer Ingelheim, website: <http://www.boehringer-ingelheim.com/>

Database: CBNB

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317. Bioinformatics Analysis on Potential Anti-Viral Targets Against Spike Protein of MERS-CoV

Yan-Hua Li (State Key Lab. for Diagnosis & Treatment of Infectious Diseases, Zhejiang Univ., Hangzhou, China); Hainv Gao; Yunfeng Xiao; Tianhao Weng; Dongshan Yu; Chenyu Hu; Hang-Ping Yao; Lan-Juan Li **Source:** *2018 9th International Conference on Information Technology in Medicine and Education (ITME). Proceedings*, p 67-71, 2018

Database: Inspec

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318. A novel fingerprint map of SARS-CoV with visualization analysis

Lei Gao (Coll. of Inf. Sci. & Technol., DongHua Univ., Shanghai, Shanghai, China); Yongsheng Ding; Hua Dai; Zhende Huang; Shihuang Shao **Source:** *Proceedings. Third International Conference on Image and Graphics*, p 226-9, 2004

Database: Inspec

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319. Determining geographical spread pattern of MERS-CoV by distance method using Kimura model

Amiroch, S. (Fac. of Math. & Natural Sci., Dept. of Math., Univ. Islam Darul Ulum Lamongan, Islam Darul `Ulum Lamongan, Indonesia); Rohmatullah, A. **Source:** *AIP Conference Proceedings*, v 1825, p 020001 (8 pp.), 27 March 2017

Database: Inspec

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320. ImmunoPrecise announces artificial intelligence collaboration with EVQLV to accelerate vaccine and antibody discovery for SARS-CoV-2 Coronavirus.

Source: *PR Newswire*, 2 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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321. A molecular docking model of SARS-CoV S1 protein in complex with its receptor, human ACE2

Yuan Zhang (Sch. of Life Sci., Fudan Univ., Shanghai, China); Nan Zheng; Pei Hao; Ying Cao; Yang Zhong **Source:** *Computational Biology and Chemistry*, v 29, n 3, p 254-7, June 2005

Database: Inspec

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322. Structural similarity between HIV-1 gp41 and SARS-CoV S2 proteins suggests an analogous membrane fusion mechanism

Xue Wu Zhang (Bioinformatics, HKU-Pasteur Res. Center, Hong Kong, China); Yee Leng Yap **Source:** *THEOCHEM*, v 677, n 1-3, p 73-6, 31 May 2004

Database: Inspec

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323. The coronavirus pandemic and aerosols: Does COVID-19 transmit via expiratory particles? (Open Access)

Asadi, Sima (Department of Chemical Engineering, Davis College of Engineering, University of California, Davis; CA, United States); Bouvier, Nicole; Wexler, Anthony S.; Ristenpart, William D. **Source:** *Aerosol Science and Technology*, 2020 Article in Press

Database: Compendex

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324. The 3D structure analysis of SARS-CoV S1 protein reveals a link to influenza virus neuraminidase and implications for drug and antibody discovery

Xue Wu Zhang (Pasteur Res. Centre, Hong Kong Univ., China); Yee Leng Yap **Source:** *THEOCHEM*, v 681, n 1-2, p 137-41, 26 July 2004

Database: Inspec

Copyright 2004, IEE

Data Provider: Engineering Village

325. Generating stable chinese hamster ovary cell clones to produce a truncated SARS-CoV spike protein for vaccine development

Lin, Shih-Chang (Institute of Biotechnology, Dept. of Life Science, National Tsing Hua University, Hsinchu 30013, Taiwan); Leng, Chih-Hsiang; Wu, Suh-Chin **Source:** *Biotechnology Progress*, v 26, n 6, p 1733-1740, November/December 2010

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326. DNA VACCINES TARGETING ANTIGENS OF THE SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS (SARS-CoV)

WU, Tzyy-Choo; HUNG, Chien-Fu; KIM, Tae Woo **Assignee:** THE JOHNS HOPKINS UNIVERSITY **Publication Number:** WO2005081716 **Publication date:** 09/09/2005 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

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327. Implementation of hierarchical clustering using k-mer sparse matrix to analyze MERS-CoV genetic relationship

Bustamam, A. (Dept. of Math., Univ. Indonesia, Depok, Indonesia); Ulul, E.D.; Hura, H.F.A.; Siswantining, T. **Source:** *AIP Conference Proceedings*, v 1862, p 030142 (7 pp.), 10 July 2017

Database: Inspec

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328. German company Pharmact AG develops a point-of-care rapid test for the detection of the coronavirus (SARS-CoV-2).

Source: *PR Newswire*, 10 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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329. Structural and dynamic characterization of the interaction of the putative fusion peptide of the S2 SARS-CoV virus protein with lipid membranes

Guillen, J. (Inst. de Biologia Mol. y Celular, Univ. Miguel Hernandez, Alicante, Spain); de Almeida, R.F.M.; Prieto, M.; Villalain, J. **Source:** *Journal of Physical Chemistry B*, v 112, n 23, p 6997-7007, 12 June 2008

Database: Inspec

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330. Tumor necrosis factor- α convertase (ADAM17) mediates regulated ectodomain shedding of the severe-acute respiratory syndrome-coronavirus (SARS-CoV) receptor, angiotensin-converting enzyme-2 (ACE2) (Open Access)

Lambert, Daniel W. (Proteolysis Research Group, School of Biochemistry and Microbiology, University of Leeds, Leeds LS2 9JT, United Kingdom); Yarski, Mike; Warner, Fiona J.; Thornhill, Paul; Parkin, Edward T.; Smith, A. Ian; Hooper, Nigel M.; Turner, Anthony J. **Source:** *Journal of Biological Chemistry*, v 280, n 34, p 30113-30119, August 26, 2005

Database: Compendex

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331. Simultaneous Genomic Detection of Multiple Enteric Bacterial and Viral Pathogens, Including Sars-CoV and RVFV

Payne, S.; Peters, C. J.; Makino, S.; Oliver, K.; Weiss, C. (Texas Univ. at Austin.), 7p, Dec 2004

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332. Positive rate of RT-PCR detection of SARS-CoV-2 infection in 4880 cases from one hospital in Wuhan, China, from Jan to Feb 2020

Liu, Rui (Dept. of Clinical Laboratory, Renmin Hospital of Wuhan University, Wuhan 430060; Hubei, China); Han, Huan; Liu, Fang; Lv, Zhihua; Wu, Kailang; Liu, Yingle; Feng, Yong; Zhu, Chengliang **Source:** *Clinica Chimica Acta*, v 505, p 172-175, June 2020

Database: Chimica

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333. Assembling an ion channel: ORF 3a from SARS-CoV

Tze-Hsiang Chien (Sch. of Biomed. Sci. & Eng., Nat. Yang-Ming Univ., Taipei, Taiwan); Ya-Ling Chiang; Chin-Pei Chen; Henklein, P.; Hañnel, K.; Ing-Shouh Hwang; Willbold, D.; Fischer, W.B. **Source:** *Biopolymers*, v 99, n 9, p 1-8, Sept. 2013

Database: Inspec

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334. Samsung Biologics and Vir Biotechnology enter into agreement for large scale manufacture of SARS-COV-2 antibodies for potential COVID-19 treatment.

Source: *PR Newswire*, 10 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

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335. Putative caveolin-binding sites in SARS-CoV proteins

Cai, Quan-Cai (School of Public Health, Fudan University, Shanghai 200032, China); Jiang, Qing-Wu; Zhao, Gen-Ming; Guo, Qiang; Cao, Guang-Wen; Chen, Teng **Source:** *Acta Pharmacologica Sinica*, v 24, n 10, p 1051-1059+1063-1064, October 1, 2003

Database: Chimica

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336. An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels

Haagmans, Bart L. (Department of Viroscience, Erasmus Medical Center, Rotterdam, Netherlands); Van Den Brand, Judith M.A.; Raj, V. Stalin; Volz, Asisa; Wohlsein, Peter; Smits, Saskia L.; Schipper, Debby; Bestebroer, Theo M.; Okba, Nisreen; R., Fux; A., Bensaid; D.S., Foz; T., Kuiken; W., Baumgärtner; J., Segalés; G., Sutter; A.D.M.E., Osterhaus **Source:** *Science*, v 351, n 6268, p 77-81, January 1, 2016

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337. Molecular dynamic studies of interferon and innate immunity resistance in MERS CoV non-structural protein 3

Alfuwaires, Manal (Department of Biology, Faculty of Science, King Faisal University, Alhofuf, Alahsa; 31982, Saudi Arabia); Altaher, Abdallah; Kandeel, Mahmoud **Source:** *Biological and Pharmaceutical Bulletin*, v 40, n 3, p 345-351, 2017

Database: Chimica

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338. A highly conserved WDYPKCDRA epitope in the RNA directed RNA polymerase of human coronaviruses can be used as epitope-based universal vaccine design (Open Access)

Sharmin, Refat (Department of Genetic Engineering and Biotechnology, University of Dhaka, Science Complex Building, Dhaka 1000, Bangladesh); Islam, Abul Bashar Mir Md K. **Source:** *BMC Bioinformatics*, v 15, n 1, May 29, 2014

Database: Compendex

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339. Meridian Bioscience offers SARS-CoV-2 antigens for COVID-19 Antibody Tests.

Source: *globenewswire*, 14 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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340. Structure of the SARS-CoV nsp12 polymerase bound to nsp7 and nsp8 co-factors

Kirchdoerfer, Robert N. (Department of Integrative Structural and Computational Biology, The Scripps Research Institute, 10550 North Torrey Pines Road, HZ-102, La Jolla; CA; 92037, United States); Ward, Andrew B. **Source:** *Nature Communications*, v 10, n 1, December 1, 2019

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341. Assembling an ion channel: ORF 3a from SARS-CoV

Chien, Tze-Hsiang (Institute of Biophotonics, School of Biomedical Science and Engineering, National Yang-Ming University, 112 Taipei, Taiwan); Chiang, Ya-Ling; Chen, Chin-Pei; Henklein, Petra; Hänel, Karen; Hwang, Ing-Shouh; Willbold, Dieter; Fischer, Wolfgang B. **Source:** *Biopolymers*, v 99, n 9, p 628-635, September 2013

Database: Chimica

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342. Structural basis for the recognition of SARS-CoV-2 by full-length human ACE2

Yan, Renhong (Key Laboratory of Structural Biology of Zhejiang Province, Institute of Biology, Westlake Institute for Advanced Study, 18 Shilongshan Road, Hangzhou, Zhejiang Province; 310024, China); Zhang, Yuanyuan; Li, Yaning; Xia, Lu; Guo, Yingying; Zhou, Qiang **Source:** *Science*, v 367, n 6485, p 1444-1448, March 27, 2020

Database: GEOBASE

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343. Centhaquine can provide haemodynamic stability, improve tissue oxygenation, reduce pulmonary oedema, acute respiratory distress syndrome (ARDS), multiple organ dysfunction score (MODS) and mortality in coronavirus disease 2019 (COVID-19).

Source: *BioSpace*, 9 Apr 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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344. Distinct Patterns of IFITM-Mediated Restriction of Filoviruses, SARS Coronavirus, and Influenza A Virus

Huang, I.; Bailey, C. C.; Weyer, J. L.; Radoshitzky, S. R.; Becker, M. M. (Army Medical Research Inst. of Infectious Diseases, Fort Detrick, MD.), 15p, Jan 2011

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345. Asymptomatic novel coronavirus pneumonia patient outside Wuhan: The value of CT images in the course of the disease (Open Access)

Lin, Chen (Department of Radiology, Lanzhou Lung Hospital, Lanzhou; 730000, China); Ding, Yuxiao; Xie, Bin; Sun, Zhujian; Li, Xiaogang; Chen, Zixian; Niu, Meng **Source:** *Clinical Imaging*, v 63, p 7-9, July 2020

Database: Compendex

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346. Assessing nitrogen dioxide (NO₂) levels as a contributing factor to coronavirus (COVID-19) fatality

Ogen, Yaron (The Department of Remote Sensing and Cartography, Institute of Geosciences and Geography, Martin-Luther University Halle-Wittenberg, Von-Seckendorff-Platz 4, Room: H4 2.23, Halle (Saale); 06120, Germany)

Source: *Science of the Total Environment*, v 726, 15 July 2020

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347. Phylogeny of SARS-CoV based on high-dimensional information geometry

Wang, Shoujue (Artificial Neural Networks Laboratory, Institute of Semiconductors, Chinese Academy of Sciences, Beijing 100083, China); R., Mo; W., Cao **Source:** *Chinese Journal of Electronics*, v 15, n 4 A, p 911-913, October 2006, *Biomimetic Pattern Recognition*

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348. Innovation Pharmaceuticals Brilacidin to be researched as possible novel coronavirus (COVID-19) vaccine; Brilacidin now being tested as drug and vaccine at different institutions.

Source: *globenewswire*, 17 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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349. Norgen Biotek offers first-class products to assist researchers in the study and molecular diagnosis of the 2019 Novel Coronavirus (COVID-19) outbreak.

Source: *PR Newswire*, 18 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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350. Dynavax announces collaboration with the University of Queensland and the Coalition for Epidemic Preparedness (CEPI) focused on the development of a coronavirus (COVID-19) vaccine.

Source: *Chemical Business News Base (CBNB)*, 2 Mar 2020 **Availability:** Dynavax Technologies, website: <http://www.dynavax.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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351. Dynavax announces collaboration with the University of Queensland and the Coalition for Epidemic Preparedness (CEPI) focused on the development of a coronavirus (COVID-19) vaccine.

Source: *globenewswire*, 2 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

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352. Combination of functionalized nanoparticles and polymerase chain reaction-based method for SARS-CoV gene detection

Ping Gong (Biomed. Eng. Center, Hunan Univ., Changsha, China); Xiaoxiao He; Kemin Wang; Weihong Tan; Wengang Xie; Ping Wu; Huimin Li **Source:** *Journal of Nanoscience and Nanotechnology*, v 8, n 1, p 293-300, Jan. 2008

Database: Inspec

Copyright 2008, The Institution of Engineering and Technology

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353. Tonix Pharmaceuticals announces research collaboration with Southern Research to develop a potential vaccine to protect against new coronavirus disease 2019 (COVID-19) based on horsepox virus (TNX-1800).

Source: *globenewswire*, 26 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

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354. Middle east respiratory syndrome corona virus (MERS-CoV) and its implications on pandemic planning

Ibrahim, Salwan (International SOS, Singapore) **Source:** *Society of Petroleum Engineers - SPE Middle East Health, Safety, Environment and Sustainable Development Conference and Exhibition, MEHSE 2014*, p 489-492, 2014

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355. IMMUNOGENIC MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV) COMPOSITIONS AND METHODS

SMITH, Gale; LIU, Ye; MASSARE, Michael **Assignee:** NOVAVAX, INC. **Publication Number:** WO2015042373

Publication date: 03/26/2015 **Kind:** Patent Application Publication

Database: WO Patents

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Shengnan Zhang (Beijing Nucl. Magn. Resonance Center, Peking Univ., Beijing, China); Nan Zhong; Xiaobai Ren; Changwen Jin; Bin Xia **Source:** *Biomolecular NMR Assignments*, v 5, n 2, p 143-5, Oct. 2011

Database: Inspec

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357. Structural analysis of inhibition mechanisms of Aurintricarboxylic Acid on SARS-CoV polymerase and other proteins

Yap, Yeeleng (Institute Pasteur, Unité de Génétique des Génomes Bactériens, CNRS URA 2171, 28 rue du Docteur Roux, 75724 Paris Cedex 15, France); Zhang, Xuewu; Andonov, Anton; He, Runtao **Source:** *Computational Biology and Chemistry*, v 29, n 3, p 212-219, June 2005

Database: Chimica

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358. A molecular docking model of SARS-CoV S1 protein in complex with its receptor, human ACE2

Zhang, Yuan (School of Life Sciences, Fudan University, Shanghai 200433, China); Zheng, Nan; Hao, Pei; Cao, Ying; Zhong, Yang **Source:** *Computational Biology and Chemistry*, v 29, n 3, p 254-257, June 2005

Database: Compendex

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359. IMMUNOGENIC MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-CoV) COMPOSITIONS AND METHODS

SMITH, Gale; LIU, Ye; MASSARE, Michael **Assignee:** NOVAVAX, INC. **Publication Number:** US20160206729

Publication date: 07/21/2016 **Kind:** Patent Application Publication

Database: US Patents

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Tylor, Shaun (National Microbiology Laboratory, Health Canada, 1015 Arlington St, Winnipeg, MB R3E 3R2, Canada); Andonov, Anton; Cutts, Todd; Cao, Jingxin; Grudesky, Elsey; Van Domselaar, Gary; Li, Xuguang; He, Runtao **Source:** *Canadian Journal of Microbiology*, v 55, n 3, p 254-260, March 2009

Database: Compendex

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361. Coronavirus (COVID-19) update: FDA gives flexibility to New York State Department of Health, FDA issues Emergency Use Authorization diagnostic.

Source: *PR Newswire*, 13 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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362. A data driven time-dependent transmission rate for tracking an epidemic: a case study of 2019-nCoV

Huang, Norden E. (First Institute of Oceanography, Ministry of Natural Resources of China, Qingdao; 266061, China); Qiao, Fangli **Source:** *Science Bulletin*, v 65, n 6, p 425-427, 30 March 2020

Database: Compendex

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363. Effect of information disclosure policy on control of infectious disease: MERS-CoV outbreak in South Korea

Noh, Jin-Won (Department of Health Administration, College of Health Science, Dankook University, Cheonan; 31116, Korea, Republic of); Yoo, Ki-Bong; Kwon, Young Dae; Hong, Jin Hyuk; Lee, Yejin; Park, Kisoo **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 1, January 2020

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364. Simultaneous Genomic Detection of Multiple Enteric Bacterial and Viral Pathogens, Including SARS-CoV and RVFV

Payne, S.; Peters, C. J.; Makino, S.; Oliver, K.; Weiss, C. (Texas Univ. at Austin.), 9p, Nov 2004

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365. Single particle assay of coronavirus membrane fusion with proteinaceous receptor-embedded supported bilayers

Costello, D.A. (Sch. of Chem. & Biomol. Eng., Cornell Univ., Ithaca, NY, United States); Millet, J.K.; Hsia, C.-Y.; Whittaker, G.R.; Daniel, S. **Source:** *Biomaterials*, v 34, n 32, p 7895-904, Oct. 2013

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366. Assembling an ion channel: ORF 3a from SARS-CoV

Chien, Tze-Hsiang (Institute of Biophotonics, School of Biomedical Science and Engineering, National Yang-Ming University, 112 Taipei, Taiwan); Chiang, Ya-Ling; Chen, Chin-Pei; Henklein, Petra; Hänel, Karen; Hwang, Ing-Shouh; Willbold, Dieter; Fischer, Wolfgang B. **Source:** *Biopolymers*, v 99, n 9, p 628-635, September 2013

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367. A Novel Antiviral Strategy against MERS-CoV and HCoV-229E Using Binase to Target Viral Genome Replication (Open Access)

Müller, Christin (Institute of Fundamental Medicine and Biology, Kazan (Volga Region) Federal University, 18 Kremlyovskaya Str, Kazan; 420008, Russia); Ulyanova, Vera; Ilinskaya, Olga; Pleschka, Stephan; Shah Mahmud, Raihan **Source:** *BioNanoScience*, v 7, n 2, p 294-299, June 1, 2017

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368. Evaluation of the basic reproduction number of MERS-CoV during the 2015 outbreak in South Korea

Hyuk-Jun Chang (Sch. of Electr. Eng., Kookmin Univ., Seoul, Korea, Republic of) **Source:** *2016 16th International Conference on Control, Automation and Systems (ICCAS)*, p 981-4, 2016

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369. Pacific Biosciences powers SARS-CoV-2 research at commercial, academic and government labs.

Source: *globoNewsWire*, 8 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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370. Evaluation of the lockdowns for the SARS-CoV-2 epidemic in Italy and Spain after one month follow up (Open Access)

Tobías, Aurelio (Institute of Environmental Assessment and Water Research (IDAEA), Spanish Council for Scientific Research (CSIC), Barcelona, Spain) **Source:** *Science of the Total Environment*, v 725, 10 July 2020

Database: Compendex

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371. Molecular docking identifies the binding of 3-chloropyridine moieties specifically to the S1 pocket of SARS-CoV Mpro

Niu, Chunying (Group in Protein Structure and Function, Department of Biochemistry, University of Alberta, 431 Medical Science Building, Edmonton, Alta. T6G 2H7, Canada); Yin, Jiang; Zhang, Jianmin; Vederas, John C.; James, Michael N.G. **Source:** *Bioorganic and Medicinal Chemistry*, v 16, n 1, p 293-302, January 1, 2008

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Chang, Hyuk-Jun (School of Electrical Engineering, Kookmin University, Seoul; 136-702, Korea, Republic of) **Source:** *International Conference on Control, Automation and Systems*, v 0, p 981-984, International Conference on Control, Automation and Systems 2016, ICCAS 2016 - 2016 16th International Conference on Control, Automation and Systems, Proceedings

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373. Corona virus (Covid-19) "infodemic" and emerging issues through a data lens: The case of china

Hua, Jinling (Keio University, Fujisawa; 252-0082, Japan); Shaw, Rajib **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 7, April 1, 2020

Database: GEOBASE

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Source: *BioSpace*, 24 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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375. Detection of SARS-CoV antigen via SPR analytical systems with reference

Dafu Cui (State Key Lab. of Transducer Tech., Inst. of Electron., Beijing, China); Xing Chen; Yujie Wang **Source:** *Biosensors*, p 169-78, 2010

Database: Inspec

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376. Soligenix and University of Hawaii at Manoa initiate work on novel coronavirus vaccine for COVID-19.

Source: *PR Newswire*, 23 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

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377. Enanta Pharmaceuticals announces efforts to discover a treatment for the novel coronavirus disease COVID-19.

Source: *BioSpace*, 13 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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378. OPKO Health's BioReference Laboratories to introduce Coronavirus Disease (COVID-19) test.

Source: *PR Newswire*, 5 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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379. Signal transduction in SARS-CoV-infected cells

Mizutani, T. (Department of Virology 1, National Institute of Infectious Diseases, Musashimurayama, Tokyo, Japan)

Source: *Annals of the New York Academy of Sciences*, v 1102, p 86-95, April 2007, *Biology of Emerging Viruses: SARS, Avian and Human Influenza, Metapneumovirus, Nipah, West Nile, and Ross River Virus*

Database: Chimica

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380. A field indoor air measurement of SARS-CoV-2 in the patient rooms of the largest hospital in Iran

Faridi, Sasan (Centre for Air Pollution Research (CAPR), Institute for Environmental Research (IER), Tehran University of Medical Sciences, Tehran, Iran); Niazi, Sadegh; Sadeghi, Kaveh; Naddafi, Kazem; Yavarian, Jila; Shamsipour, Mansour; Jandaghi, Nazanin Zahra Shafiei; Sadeghniai, Khosro; Nabizadeh, Ramin; Yunesian, Masud; Momeniha, Fatemeh; Mokamel, Adel; Hassanvand, Mohammad Sadegh; MokhtariAzad, Talat **Source:** *Science of the Total Environment*, v 725, 10 July 2020

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381. SARS-CoV protease inhibitors design using virtual screening method from natural products libraries

Bing Liu (Inst. of Process Eng., Beijing, Beijing, China); Jiaju Zhou **Source:** *Journal of Computational Chemistry*, v 26, n 5, p 484-90, 15 April 2005

Database: Inspec

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382. Investigating a serious challenge in the sustainable development process: Analysis of confirmed cases of COVID-19 (new type of Coronavirus) through a binary classification using artificial intelligence and regression analysis

Pirouz, Behrouz (Department of Mechanical, Energy and Management Engineering, University of Calabria, Rende; 87036, Italy); Haghshenas, Sina Shaffiee; Haghshenas, Sami Shaffiee; Piro, Patrizia **Source:** *Sustainability (Switzerland)*, v 12, n 6, March 1, 2020

Database: GEOBASE

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383. Investigating a serious challenge in the sustainable development process: Analysis of confirmed cases of COVID-19 (new type of Coronavirus) through a binary classification using artificial intelligence and regression analysis

Pirouz, Behrouz (Department of Mechanical, Energy and Management Engineering, University of Calabria, Rende; 87036, Italy); Haghshenas, Sina Shaffiee; Haghshenas, Sami Shaffiee; Piro, Patrizia **Source:** *Sustainability (United States)*, v 12, n 6, 2020

Database: GEOBASE

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384. Synthesis and evaluation of benzoquinolinone derivatives as SARS-CoV 3CL protease inhibitors

Ahn, Tae-Young (Bio-organic Science Division, Korea Research Institute of Chemical Technology, Daejeon 305-600, Korea, Republic of); Kuo, Chih-Jung; Liu, Hun-Ge; Ha, Deok-Chan; Liang, Po-Huang; Jung, Young-Sik **Source:** *Bulletin of the Korean Chemical Society*, v 31, n 1, p 87-91, January 2010

Database: Chimica

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385. Epidemiological analysis of MERS-CoV using NN and SVM in respect to applicability of AI in multiple classes

Soyoung Hong (Natural Sci.: Hankuk Acad. of Foreign Studies, Yongin, Korea, Republic of); Sungwoo Choi; Donghyun Kim; Taeseon Yoon **Source:** *2017 19th International Conference on Advanced Communication Technology (ICACT)*, p 894-9, 2017

Database: Inspec

Copyright 2017, The Institution of Engineering and Technology

Data Provider: Engineering Village

386. Vir and Alnylam expand collaboration to advance RNAi therapeutics for the treatment of coronavirus infection, including COVID-19.

Source: *BioSpace*, 4 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

387. MERS-CoV and H7N9 Influenza Assay Development on NGDX

CABALLERO, M.; ARMSTRONG-SPENRATH, L. (Wilford Hall USAF Hospital, Lackland AFB, TX.), 35p, Jul 2018

Database: NTIS

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Data Provider: Engineering Village

388. A Simple and Multiplex Loop-Mediated Isothermal Amplification (LAMP) Assay for Rapid Detection of SARS-CoV (Open Access)

Kim, Jin Hwa (Biomedical Engineering Research Center, Smart Healthcare Research Institute, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, Republic of); Kang, Minhee; Park, Eunyoung; Chung, Doo Ryeon; Kim, Jiyeon; Hwang, Eung Soo **Source:** *Biochip Journal*, v 13, n 4, p 341-351, December 1, 2019

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

389. GeoVax provides update on coronavirus (COVID-19) vaccine development programme.

Source: *BioSpace*, 4 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

390. Evaluation of SSYA10-001 as a replication inhibitor of severe acute respiratory syndrome, mouse hepatitis, and Middle East respiratory syndrome coronaviruses

Adedeji, Adeyemi O. (Christopher Bond Life Sciences Center, University of Missouri, Columbia, MO, United States); Singh, Kamalendra; Kassim, Ademola; Coleman, Christopher M.; Elliott, Ruth; Weiss, Susan R.; Frieman, Matthew B.; Sarafianos, Stefan G. **Source:** *Antimicrobial Agents and Chemotherapy*, v 58, n 8, p 4894-4898, August 2014

Database: Chimica

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391. Changes in air quality during the lockdown in Barcelona (Spain) one month into the SARS-CoV-2 epidemic

Tobías, Aurelio (Institute of Environmental Assessment and Water Research (IDAEA), Spanish Council for Scientific Research (CSIC), Barcelona, Spain); Carnerero, Cristina; Reche, Cristina; Massagué, Jordi; Via, Marta; Minguillón, María Cruz; Alastuey, Andrés; Querol, Xavier **Source:** *Science of the Total Environment*, v 726, 15 July 2020

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

392. Beroni Group collaborates with Tianjin University to develop novel solution for coronavirus (COVID-19).

Source: *globenewswire*, 20 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

393. Knowledge, attitudes and behaviours of healthcare workers in the kingdom of Saudi Arabia to MERS coronavirus and other emerging infectious diseases

Alsahafi, Abdullah J. (Department of Epidemiology and Preventive Medicine, Monash University, Melbourne; VIC; 3004, Australia); Cheng, Allen C. **Source:** *International Journal of Environmental Research and Public Health*, v 13, n 12, December 6, 2016

Database: GEOBASE

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394. A 3D model of SARS_CoV 3CL proteinase and its inhibitors design by virtual screening

Xiong, Bin (Drug Discovery and Design Center, Stt. Key Laboratory of Drug Research, Shanghai Institute of Materia Medica, Shanghai 201203, China); Gui, Chun-Shan; Xu, Xiao-Ying; Luo, Cheng; Chen, Jing; Luo, Hai-Bin; Chen, Li-Li; Li, Guo-Wei; Sun, Tao; Yu, Chang-Ying; Yue, Li-Duo; Duan, Wen-Hu; Shen, Jing-Kang; Qin, Lei; Shi, Ti-Liu; Li, Yi-Xue; Chen, Kai-Xian; Luo, Xiao-Min; Shen, Xu; Shen, Jian-Hua; Jiang, Hua-Liang **Source:** *Acta Pharmacologica Sinica*, v 24, n 6, p 497-504+619-620, June 1, 2003

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

395. Comparative genomic analysis MERS CoV isolated from humans and camels with special reference to virus encoded helicase

Alnazawi, Mohamed (Department of Physiology, Biochemistry and Pharmacology, Faculty of Veterinary Medicine, King Faisal University, Alahsa; 31982, Saudi Arabia); Altaher, Abdallah; Kandeel, Mahmoud **Source:** *Biological and Pharmaceutical Bulletin*, v 40, n 8, p 1289-1298, 2017

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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396. Assessing nitrogen dioxide (NO2) levels as a contributing factor to coronavirus (COVID-19) fatality

Ogen, Yaron (The Department of Remote Sensing and Cartography, Institute of Geosciences and Geography, Martin-Luther University Halle-Wittenberg, Von-Seckendorff-Platz 4, Room: H4 2.23, Halle (Saale); 06120, Germany)

Source: *Science of the Total Environment*, v 726, 15 July 2020

Database: Compendex

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397. A novel fingerprint map for detecting SARS-CoV

Gao, Lei (Bio-Informatics Research Center, College of Information Sciences and Technology, Donghua University, Shanghai 200051, China); Ding, Yong-Sheng; Dai, Hua; Shao, Shi-Huang; Huang, Zhen-De; Chou, Kuo-Chen **Source:** *Journal of Pharmaceutical and Biomedical Analysis*, v 41, n 1, p 246-250, April 11, 2006

Database: Chimica

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398. Identifying accurate classifier models for a text-based MERS-CoV dataset

Almansour, Nora (Computer Science Department, KSU, KSA, Riyadh, Saudi Arabia); Kurdia, Heba **Source:** *2017 Intelligent Systems Conference, IntelliSys 2017*, v 2018-January, p 430-435, July 2, 2017, *2017 Intelligent Systems Conference, IntelliSys 2017*

Database: Compendex

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399. Synonymous and biased codon usage by MERS CoV papain-like and 3CL-proteases

Kandeel, Mahmoud (Department of Physiology, Biochemistry and Pharmacology, Faculty of Veterinary Medicine, King Faisal University, Alhofuf, Alahsa; 31982, Saudi Arabia); Altaher, Abdallah **Source:** *Biological and Pharmaceutical Bulletin*, v 40, n 7, p 1086-1091, 2017

Database: Chimica

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400. Evaluation of candidate vaccine approaches for MERS-CoV

Wang, Lingshu (Vaccine Research Center, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda; MD, United States); Shi, Wei; Joyce, M. Gordon; Modjarrad, Kayvon; Zhang, Yi; Leung, Kwanyee; Lees, Christopher R.; Zhou, Tongqing; Yassine, Hadi M.; Kanekiyo, Masaru; Yang, Zhi-Yong; Chen, Xuejun; Becker, Michelle M.; Freeman, Megan; Vogel, Leatrice; Johnson, Joshua C.; Olinger, Gene; Todd, John P.; Bagci, Ulas; Solomon, Jeffrey; Mollura, Daniel J.; Hensley, Lisa; Jahrling, Peter; Denison, Mark R.; Rao, Srinivas S.; Subbarao, Kanta; Kwong, Peter D.; Mascola, John R.; Kong, Wing-Pui; Graham, Barney S. **Source:** *Nature Communications*, v 6, July 28, 2015

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401. Computers and viral diseases. Preliminary bioinformatics studies on the design of a synthetic vaccine and a preventative peptidomimetic antagonist against the SARS-CoV-2 (2019-nCoV, COVID-19) coronavirus (Open Access)

Robson, B. (Ingenie Inc., Cleveland; OH, United States) **Source:** *Computers in Biology and Medicine*, v 119, April 2020

Database: Compendex

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402. Geographical tracking and mapping of coronavirus disease COVID-19/severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) epidemic and associated events around the world: How 21st century GIS technologies are supporting the global fight against outbreaks and epidemics

Kamel Boulos, Maged N. (School of Information Management, Sun Yat-sen University, East Campus, Guangzhou, Guangdong; 510006, China); Geraghty, Estella M. **Source:** *International Journal of Health Geographics*, v 19, n 1, 2020

Database: GEOBASE

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403. Cryo-EM structures of MERS-CoV and SARS-CoV spike glycoproteins reveal the dynamic receptor binding domains

Yuan Yuan (Sch. of Life Sci., Univ. of Sci. & Technol. of China, Hefei, China); Duanfang Cao; Yanfang Zhang; Jun Ma; Jianxun Qi; Qihui Wang; Guangwen Lu; Ying Wu; Jinghua Yan; Yi Shi; Xinzheng Zhang; Gao, G.F. **Source:** *Nature Communications*, v 8, p 15092 (9 pp.), 2017

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404. Predicting the impacts of epidemic outbreaks on global supply chains: A simulation-based analysis on the coronavirus outbreak (COVID-19/SARS-CoV-2) case

Ivanov, Dmitry (Berlin School of Economics and Law, Department of Business Administration, Professor for Supply Chain and Operations Management, Berlin; 10825, Germany) **Source:** *Transportation Research Part E: Logistics and Transportation Review*, v 136, April 2020

Database: GEOBASE

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405. Glycopeptide antibiotics potently inhibit cathepsin I in the late endosome/lysosome and block the entry of ebola virus, middle east respiratory syndrome coronavirus (MERS-CoV), and severe acute respiratory syndrome coronavirus (SARS-CoV) (Open Access)

Zhou, Nan (Institute of Human Virology, Sun Yat-Sen University, Guangzhou, Guangdong; 510080, China); Pan, Ting; Zhang, Junsong; Li, Qianwen; Zhang, Xue; Bai, Chuan; Huang, Feng; Peng, Tao; Zhang, Jianhua; Liu, Chao; Tao, Liang; Zhang, Hui **Source:** *Journal of Biological Chemistry*, v 291, n 17, p 9218-9232, April 22, 2016

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406. Vir Biotechnology identifies two antibodies that bind to the spike protein of 2019-nCoV, newly named as SARS-CoV-2.

Source: *globenewswire*, 12 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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407. Molecular basis of binding between novel human coronavirus MERS-CoV and its receptor CD26

Guangwen Lu (CAS Key Lab. of Pathogenic Microbiol. & Immunology, Inst. of Microbiol., Beijing, China); Yawei Hu; Qihui Wang; Jianxun Qi; Feng Gao; Yan Li; Yanfang Zhang; Wei Zhang; Yuan Yuan; Jinku Bao; Buchang Zhang; Yi Shi; Jinghua Yan; Gao, G.F. **Source:** *Nature*, v 500, n 7461, p 227-31, 7 Aug. 2013

Database: Inspec

Copyright 2013, The Institution of Engineering and Technology

Data Provider: Engineering Village

408. Lonza Inc issues guidance on infection control regarding novel Coronaviruses (nCoV), including the Middle East Respiratory Syndrome Coronavirus (MERS-CoV).

Source: *BioSpace*, 29 Aug 2013 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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409. Cryo-EM structures of MERS-CoV and SARS-CoV spike glycoproteins reveal the dynamic receptor binding domains

Yuan, Yuan (School of Life Sciences, University of Science and Technology of China, Hefei, Anhui; 230026, China); Cao, Duanfang; Zhang, Yanfang; Ma, Jun; Qi, Jianxun; Wang, Qihui; Lu, Guangwen; Wu, Ying; Yan, Jinghua; Shi, Yi; Zhang, Xinzhen; Gao, George F. **Source:** *Nature Communications*, v 8, April 10, 2017

Database: GEOBASE

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410. Identification, synthesis and evaluation of SARS-CoV and MERS-CoV 3C-like protease inhibitors

Kumar, Vathan (Institute of Biological Chemistry, Academia Sinica, Taipei; 115, Taiwan); Tan, Kian-Pin; Wang, Ying-Ming; Lin, Sheng-Wei; Liang, Po-Huang **Source:** *Bioorganic and Medicinal Chemistry*, v 24, n 13, p 3035-3042, July 1, 2016

Database: Chimica

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411. Conserved antigenic sites between MERS-CoV and Bat-coronavirus are revealed through sequence analysis

Sharmin, R. (R&D Dept., Incepta Vaccine Ltd., Savar, Bangladesh); Islam, A.B.M.M.K. **Source:** *Source Code for Biology and Medicine*, v 11, n 1, p 3 (6 pp.), Dec. 2016

Database: Inspec

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412. Aquavit Pharmaceuticals Inc announces filing of new patent applications for a new drug delivery platform and vaccine compositions for immunizing patients against COVID-19 caused by the SARS-CoV-2 coronavirus.

Source: *PR Newswire*, 27 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

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413. Sorrento develops STI-4398 (COVIDTRAP protein) for potential prevention and treatment of SARS-CoV-2 coronavirus disease (COVID-19).

Source: *globenewswire*, 20 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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414. Predicting commercially available antiviral drugs that may act on the novel coronavirus (SARS-CoV-2) through a drug-target interaction deep learning model

Beck, Bo Ram (Deargen, Inc., Daejeon, Korea, Republic of); Shin, Bonggun; Choi, Yoonjung; Park, Sungsoo; Kang, Keunsoo **Source:** *Computational and Structural Biotechnology Journal*, v 18, p 784-790, 2020

Database: Compendex

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415. Generex Biotechnology provides update on the development of an li-Key- SARS-CoV-2 peptide vaccine against the COVID-19 pandemic.

Source: *globenewswire*, 14 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

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416. Human saliva: Non-invasive fluid for detecting novel coronavirus (2019-nCoV)

Khurshid, Zohaib (Department of Prosthodontics and Dental Implantology, College of Dentistry, King Faisal University, Al-Ahsa, 31982, Saudi Arabia); Asiri, Faris Yahya Ibrahim; Al Wadaani, Hamed **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 7, April 1, 2020

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417. Comparison between SARS CoV and MERS CoV using apriori decision tree, SVM

Seongpil Jang (Natural Sci., Hankuk Acad. of Foreign Studies, Yongin, Korea, Republic of); Seunghwan Lee; Seong-Min Choi; Junwon Seo; Hunseok Choi; Taeseon Yoon **Source:** *MATEC Web of Conferences*, v 49, p 08001 (4 pp.), 2016

Database: Inspec

Copyright 2016, The Institution of Engineering and Technology

Data Provider: Engineering Village

418. Generex Biotechnology provides guidance on the safety of li-Key peptide vaccines for the development of effective solutions to the SARS-CoV-2 coronavirus pandemic.

Source: *globenewswire*, 19 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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419. Comparison between SARS CoV and MERS CoV Using apriori algorithm, decision tree, SVM (Open Access)

Jang, Seongpil (Natural Science, Hankuk Academy of Foreign Studies, HAFS, Yongin-si, Korea, Republic of); Lee, Seunghwan; Choi, Seong-Min; Seo, Junwon; Choi, Hunseok; Yoon, Taeseon **Source:** *MATEC Web of Conferences*, v 49, April 19, 2016, *2016 6th International Conference on Chemistry and Chemical Process, ICCCP 2016*

Database: Compendex

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420. Molecular basis of binding between novel human coronavirus MERS-CoV and its receptor CD26

Lu, Guangwen (CAS Key Laboratory of Pathogenic Microbiology and Immunology, Institute of Microbiology, Chinese Academy of Sciences, Beijing 100101, China); Hu, Yawei; Wang, Qihui; Qi, Jianxun; Gao, Feng; Li, Yan; Zhang, Yanfang; Zhang, Wei; Yuan, Yuan; Bao, Jinku; Zhang, Buchang; Shi, Yi; Yan, Jinghua; Gao, George F. **Source:** *Nature*, v 500, n 7461, p 227-231, 2013

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421. Evolution of genomes, host shifts and the geographic spread of SARS-CoV and related coronaviruses

Janies, Daniel (Department of Biomedical Informatics, Ohio State University, Columbus, OH, United States); Habib, Farhat; Alexandrov, Boyan; Hill, Andrew; Pol, Diego **Source:** *Cladistics*, v 24, n 2, p 111-130, April 2008

Database: GEOBASE

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422. OyaGen Inc announces a compound in development with broad antiviral activity against coronaviruses including SARS-CoV-2.

Source: *PR Newswire*, 11 Mar 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

423. Modeling the dynamics of novel coronavirus (2019-nCov) with fractional derivative (Open Access)

Khan, Muhammad Altaf (Faculty of Natural and Agricultural Sciences, University of the Free State, South Africa); Atangana, Abdou **Source:** *Alexandria Engineering Journal*, 2020 Article in Press

Database: Compendex

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424. Crystal structure of the middle east respiratory syndrome coronavirus (MERS-CoV) papain-like protease bound to ubiquitin facilitates targeted disruption of deubiquitinating activity to demonstrate its role in innate immune suppression (Open Access)

Bailey-Elkin, Ben A. (Department of Microbiology, University of Manitoba, Winnipeg; MB; R3T 2N2, Canada); Knaap, Robert C. M.; Johnson, Garrett G.; Dalebout, Tim J.; Ninaber, Dennis K.; Van Kasteren, Puck B.; Bredenbeek, Peter J.; Snijder, Eric J.; Kikkert, Marjolein; Mark, Brian L. **Source:** *Journal of Biological Chemistry*, v 289, n 50, p 34667-34682, December 12, 2014

Database: Compendex

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425. Novavax Inc (NVAX) release: new experimental vaccine produces immune response against Middle East Respiratory Syndrome Coronavirus (MERS-Cov).

Source: *BioSpace*, 30 Apr 2014 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

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426. Core Outcome Set for Clinical Trials on Coronavirus Disease 2019 (COS-COVID) (Open Access)

Jin, Xinyao (Evidence-Based Medicine Center, Tianjin University of Traditional Chinese Medicine, Tianjin; 301617, China); Pang, Bo; Zhang, Junhua; Liu, Qingquan; Yang, Zhongqi; Feng, Jihong; Liu, Xuezheng; Zhang, Lei; Wang, Baohe; Huang, Yuhong; Josephine Fauci, Alice; Ma, Yuling; Soo Lee, Myeong; Yuan, Wei'an; Xie, Yanming; Tang, Jianyuan; Gao, Rui; Du, Liang; Zhang, Shuo; Qi, Hanmei; Sun, Yu; Zheng, Wenke; Yang, Fengwen; Chua, Huizi; Wang, Keyi; Ou, Yi; Huang, Ming; Zhu, Yan; Yu, Jiajie; Tian, Jinhui; Zhao, Min; Hu, Jingqing; Yao, Chen; Li, Youping; Zhang, Boli **Source:** *Engineering*, 2020 Article in Press

Database: Compendex

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427. Application of a Risk Analysis Tool to Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Outbreak in Saudi Arabia

Chen, Xin (Biosecurity Program, Kirby Institute, Faculty of Medicine, University of New South Wales, Sydney; NSW; 2052, Australia); Chughtai, Abrar A.; MacIntyre, Chandini R. **Source:** *Risk Analysis*, 2020 Article in Press

Database: Compendex

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428. Challenges and solutions for addressing critical shortage of supply chain for personal and protective equipment (PPE) arising from Coronavirus disease (COVID19) pandemic – Case study from the Republic of Ireland (Open Access)

Rowan, Neil J. (Department of Nursing and Healthcare, Athlone Institute of Technology, Ireland); Laffey, John G.

Source: *Science of the Total Environment*, v 725, 10 July 2020

Database: Compendex

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Data Provider: Engineering Village

429. PROTEASE INHIBITORS FOR CORONAVIRUSES AND SARS-COV AND THE USE THEREOF

CAI SUI XIONG; KEMNITZER WILLIAM E; ZHANG HONG; ZHANG HAN-ZHONG **Assignee:** CYTOVIA INC; CAI SUI XIONG; KEMNITZER WILLIAM E; ZHANG HONG; ZHANG HAN-ZHONG **Publication Number:** WO2004101742 **Publication date:** 11/25/2004 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

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430. 2019 Novel coronavirus disease (COVID-19): Paving the road for rapid detection and point-of-care diagnostics

Nguyen, Trieu (Department of Biotechnology and Biomedicine, Technical University of Denmark, Kongens Lyngby; 2800, Denmark); Bang, Dang Duong; Wolff, Anders **Source:** *Micromachines*, v 11, n 3, p 1-7, 2020

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431. PROTEASE INHIBITORS FOR CORONAVIRUSES AND SARS-COV AND THE USE THEREOF

CAI, Sui Xiong; KEMNITZER, William E.; ZHANG, Hong; ZHANG, Han-Zhong **Assignee:** CYTOVIA, INC **Publication Number:** WO2004101742 **Publication date:** 06/16/2005 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

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432. Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation

Wrapp, Daniel (Department of Molecular Biosciences, University of Texas at Austin, Austin; TX; 78712, United States); Wang, Nianshuang; Corbett, Kizzmekia S.; Goldsmith, Jory A.; Hsieh, Ching-Lin; Abiona, Olubukola; Graham, Barney S.; McLellan, Jason S. **Source:** *Science*, v 367, n 6483, p 1260-1263, March 13, 2020

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433. Molecular dynamics of Middle East Respiratory Syndrome Coronavirus (MERS CoV) fusion heptad repeat trimers

Kandeel, Mahmoud (Department of Physiology, Biochemistry and Pharmacology, Faculty of Veterinary Medicine, King Faisal University, Alhofuf; Alahsa, Saudi Arabia); Al-Taher, Abdulla; Li, Huifang; Schwingenschlogl, Udo; Al-Nazawi, Mohamed **Source:** *Computational Biology and Chemistry*, v 75, p 205-212, August 2018

Database: Chimica

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434. OpGen provides update on Curetis Group company Ares Genetics' collaboration with BGI Group to offer next-generation sequencing and PCR-based coronavirus (2019-nCoV) testing in Europe.

Source: *globenewswire*, 30 Jan 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

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435. Spatiotemporal clustering of middle east respiratory syndrome coronavirus (MERS-CoV) incidence in Saudi Arabia, 2012–2019

Al-Ahmadi, Khalid (King Abdulaziz City for Science and Technology, P.O. Box 6086, Riyadh; 11442, Saudi Arabia); Alahmadi, Sabah; Al-Zahrani, Ali **Source:** *International Journal of Environmental Research and Public Health*, v 16, n 14, July 2, 2019

Database: GEOBASE

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436. Protease inhibitors for coronaviruses and SARS-CoV and the use thereof

Cai, Sui Xiong; Kemnitzer, William E.; Zhang, Hong; Zhang, Han-Zhong **Assignee:** Cytovia, Inc. **Publication Number:** US7504382 **Publication date:** 03/17/2009 **Kind:** Patent

Database: US Patents

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Data Provider: Engineering Village

437. An overview of severe acute respiratory syndrome-coronavirus (SARS-CoV) 3CL protease inhibitors: Peptidomimetics and small molecule chemotherapy

Pillaiyar, Thanigaimalai (Pharmaceutical Institute, Pharmaceutical Chemistry i, University of Bonn, An der Immenburg 4, Bonn; D-53121, Germany); Manickam, Manoj; Namasivayam, Vigneshwaran; Hayashi, Yoshio; Jung, Sang-Hun

Source: *Journal of Medicinal Chemistry*, v 59, n 14, p 6595-6628, July 28, 2016

Database: Chimica

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Data Provider: Engineering Village

438. Discovery of Hydrocarbon-Stapled Short α -Helical Peptides as Promising Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Fusion Inhibitors

Wang, Chao (State Key Laboratory of Toxicology and Medical Countermeasures, Beijing Institute of Pharmacology and Toxicology, 27 Tai-Ping Road, Beijing; 100850, China); Xia, Shuai; Zhang, Peiyu; Zhang, Tianhong; Wang, Weicong;

Tian, Yangli; Meng, Guangpeng; Jiang, Shibo; Liu, Keliang **Source:** *Journal of Medicinal Chemistry*, v 61, n 5, p 2018-2026, March 8, 2018

Database: Chimica

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Data Provider: Engineering Village

439. PROTEASE INHIBITORS FOR CORONAVIRUSES AND SARS-COV AND THE USE THEREOF

Cai, Sui Xiong; Kemnitzer, William E.; Zhang, Hong; Zhang, Han-Zhong **Publication Number:** US20080300191

Publication date: 12/04/2008 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

440. Clover and GSK announce research collaboration to evaluate coronavirus (COVID-19) vaccine candidate with pandemic adjuvant system.

Source: *Chemical Business News Base (CBNB)*, 24 Feb 2020 **Availability:** GlaxoSmithKline, website: <http://www.gsk.com/>

Database: CBNB

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Data Provider: Engineering Village

441. CEPI and GSK announce collaboration to strengthen the global effort to develop a vaccine for the 2019-nCoV virus.

Source: *Chemical Business News Base (CBNB)*, 3 Feb 2020 **Availability:** GlaxoSmithKline, website: <http://www.gsk.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

442. Discovery, synthesis, and structure-based optimization of a series of N -(tert -Butyl)-2-(N -arylamido)-2-(pyridin-3-yl) acetamides (ML188) as potent noncovalent small molecule inhibitors of the severe acute respiratory syndrome coronavirus (SARS-CoV) 3CL protease

Jacobs, Jon (Department of Pharmacology, Vanderbilt University Medical Center, Nashville, TN 37232, United States); Grum-Tokars, Valerie; Zhou, Ya; Turlington, Mark; Saldanha, S. Adrian; Chase, Peter; Egger, Aimee; Dawson, Eric S.; Baez-Santos, Yahira M.; Tomar, Sakshi; Mielech, Anna M.; Baker, Susan C.; Lindsley, Craig W.; Hodder, Peter; Mesecar, Andrew; Stauffer, Shaun R. **Source:** *Journal of Medicinal Chemistry*, v 56, n 2, p 534-546, January 24, 2013

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

443. Immediate psychological responses and associated factors during the initial stage of the 2019 coronavirus disease (COVID-19) epidemic among the general population in China

Wang, Cuiyan (Institute of Cognitive Neuroscience, Faculty of Education, Huaibei Normal University, Huaibei; 235000, China); Pan, Riyu; Wan, Xiaoyang; Tan, Yilin; Xu, Linkang; Ho, Cyrus S.; Ho, Roger C. **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 5, March 1, 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

444. Cepheid announces development of test for new Coronavirus strain (2019-nCoV).

Source: *PR Newswire*, 10 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

445. Investigation of the pharmacophore space of Severe Acute Respiratory Syndrome coronavirus (SARS-CoV) NTPase/helicase by dihydroxymethoxy derivatives

Lee, Chaewoon (Department of Bioscience and Biotechnology, Konkuk University, Seoul, 143-701, Korea, Republic of); Lee, Jin Moo; Lee, Na-Ra; Kim, Dong-Eun; Jeong, Yong-Joo; Chong, Youhoon **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 19, n 16, p 4538-4541, August 15, 2009

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

446. Correlation between weather and Covid-19 pandemic in Jakarta, Indonesia

Tosepu, Ramadhan (Department of Environmental Health, Faculty of Public Health, University of Halu Oleo, Indonesia); Gunawan, Joko; Effendy, Devi Savitri; Ahmad, La Ode Ali Imran; H., Lestari; H., Bahar; P., Asfian **Source:** *Science of the Total Environment*, v 725, 10 July 2020

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

447. Discovery of N-(benzo[1,2,3]triazol-1-yl)-N-(benzyl)acetamido)phenyl) carboxamides as severe acute respiratory syndrome coronavirus (SARS-CoV) 3CLpro inhibitors: Identification of ML300 and noncovalent nanomolar inhibitors with an induced-fit binding

Turlington, Mark (Department of Pharmacology, Vanderbilt University Medical Center, Nashville, TN 37232, United States); Chun, Aspen; Tomar, Sakshi; Egler, Aimee; Grum-Tokars, Valerie; Jacobs, Jon; Daniels, J. Scott; Dawson, Eric; Saldanha, Adrian; Chase, Peter; Baez-Santos, Yahira M.; Lindsley, Craig W.; Hodder, Peter; A.D., Mesecar; S.R., Stauffer **Source:** *Bioorganic and Medicinal Chemistry Letters*, v 23, n 22, p 6172-6177, November 15, 2013

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

448. Structural characterization of the N-terminal part of the MERS-CoV nucleocapsid by X-ray diffraction and small-angle X-ray scattering

Papageorgiou, N. (AFMB, Aix-Marseille Univ., Marseille, France); Lichiere, J.; Baklouti, A.; Ferron, F.; Sevajol, M.; Canard, B.; Coutard, B. **Source:** *Acta Crystallographica, Section D (Structural Biology)*, v D72, n 2, p 192-202, 1 Feb. 2016

Database: Inspec

Copyright 2016, The Institution of Engineering and Technology

Data Provider: Engineering Village

449. Structures of the Middle East respiratory syndrome coronavirus 3C-like protease reveal insights into substrate specificity

Needle, D. (Macromol. Crystallogr. Lab., Nat. Cancer Inst. at Frederick, Frederick, MD, United States); Lountos, G.T.; Waugh, D.S. **Source:** *Acta Crystallographica, Section D (Biological Crystallography)*, v D71, n 5, p 1102-11, 1 May 2015

Database: Inspec

Copyright 2015, The Institution of Engineering and Technology

Data Provider: Engineering Village

450. Applied DNA Sciences subsidiary, LineaRx, and Takis Biotech collaborate for development of a linear DNA vaccine candidate against Wuhan coronavirus 2019-nCoV.

Source: *BioSpace*, 7 Feb 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

451. Dynamic change process of target genes by RT-PCR testing of SARS-Cov-2 during the course of a Coronavirus Disease 2019 patient

Lv, Ding-feng (Department of Blood Transfusion, Ningbo First Hospital, Ningbo, China); Ying, Qi-ming; Weng, Yue-song; Shen, Chi-bin; Chu, Jin-guo; Kong, Jing-ping; Sun, Ding-he; Gao, Xiang; Weng, Xing-bei; Chen, Xue-qin

Source: *Clinica Chimica Acta*, v 506, p 172-175, July 2020

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

452. ClearPoint Neuro provides a COVID-19 pandemic update and announces preliminary 1Q 2020 financial results.

Source: *globenewswire*, 16 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

453. TransMedics provides COVID-19 pandemic update and announces preliminary financial results for 1Q 2020.

Source: *globenewswire*, 13 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

454. Molecular dynamics of Middle East Respiratory Syndrome Coronavirus (MERS CoV) fusion heptad repeat trimers

Kandeel, Mahmoud (Department of Physiology, Biochemistry and Pharmacology, Faculty of Veterinary Medicine, King Faisal University, Alhofuf; Alahsa, Saudi Arabia); Al-Taher, Abdulla; Li, Huifang; Schwingenschlogl, Udo; Al-Nazawi, Mohamed **Source:** *Computational Biology and Chemistry*, v 75, p 205-212, August 2018

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

455. Starpharma's SPL7013 shows significant activity against SARS-CoV-2 (coronavirus).

Source: *BioSpace*, 16 Apr 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

456. Estimation of basic reproduction number of the Middle East respiratory syndrome coronavirus (MERS-CoV) during the outbreak in South Korea, 2015 (Open Access)

Chang, Hyuk-Jun (Kookmin University, School of Electrical Engineering, 77 Jeongneung-ro, Seoul, Seongbuk-gu; 136-702, Korea, Republic of) **Source:** *BioMedical Engineering Online*, v 16, n 1, June 13, 2017

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

457. MyoKardia provides clinical trial update in the context of the COVID-19 pandemic.

Source: *globenewswire*, 26 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

458. Rewiring the severe acute respiratory syndrome coronavirus (SARS-CoV) transcription circuit: engineering a recombination-resistant genome

Yount, B. (Dept. of Epidemiology, North Carolina Univ., Chapel Hill, NC, United States); Roberts, R.S.; Lindesmith, L.; Baric, R.S. **Source:** *Proceedings of the National Academy of Sciences of the United States of America*, v 103, n 33, p 12546-51, 15 Aug. 2006

Database: Inspec

Copyright 2006, The Institution of Engineering and Technology

Data Provider: Engineering Village

459. Research and Development on Therapeutic Agents and Vaccines for COVID-19 and Related Human Coronavirus Diseases (Open Access)

Liu, Cynthia (CAS, A Division of the American Chemical Society, Columbus; OH; 43210, United States); Zhou, Qiongqiong; Li, Yingzhu; Garner, Linda V.; Watkins, Steve P.; Carter, Linda J.; Smoot, Jeffrey; Gregg, Anne C.; Daniels, Angela D.; Jerve, Susan; Albaiu, Dana **Source:** *ACS Central Science*, v 6, n 3, p 315-331, 2020

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

460. Reverse logistics network design for effective management of medical waste in epidemic outbreaks: Insights from the coronavirus disease 2019 (COVID-19) outbreak in Wuhan (China)

Yu, Hao (Department of Industrial Engineering, UiT The Arctic University of Norway, Lodve Langesgate 2, Narvik; 8514, Norway); Sun, Xu; Solvang, Wei Deng; Zhao, Xu **Source:** *International Journal of Environmental Research and Public Health*, v 17, n 5, March 1, 2020

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

461. QIAGEN dramatically ramping up global production capacity for RNA extraction kits for use in detection of SARS-CoV-2 coronavirus.

Source: *BioSpace*, 17 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

462. GenereX Biotechnology subsidiaries NuGenerex Immuno-Oncology and NuGenerex Diagnostics working to address the coronavirus pandemic and emerging risk of avian flu using li-Key peptide vaccines.

Source: *globenewswire*, 6 Feb 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

463. QIAGEN receives US FDA EUA for QIAstat-Dx test kit, first and only syndromic solution integrating detection of SARS-CoV-2 coronavirus.

Source: *BioSpace*, 31 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

464. A novel vaccine against the middle east respiratory syndrome coronavirus (MERS-CoV)

Sutter, Gerd; Fux, Robert; Volz, Asisa; Song, Fei; Becker, Stephan; Eickmann, Markus **Assignee:** Ludwig-Maximilians-Universität München; Philipps-Universität Marburg **Publication Number:** EP3045181 **Publication date:** 07/20/2016

Kind: Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

465. Clover and GSK announce research collaboration to evaluate coronavirus (COVID-19) vaccine candidate with pandemic adjuvant system.

Source: BioSpace, 24 Feb 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

466. A NOVEL VACCINE AGAINST THE MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV)

SUTTER, Gerd; SONG, Fei; FUX, Robert; VOLZ, Asisa; BECKER, Stephan; EICKMANN, Markus **Assignee:** LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN; PHILIPPS-UNIVERSITÄT MARBURG **Publication Number:** WO2016116398 **Publication date:** 07/28/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

467. HUMAN MONOCLONAL ANTIBODIES AGAINST THE MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV) AND ENGINEERED BISPECIFIC FUSIONS WITH INHIBITORY PEPTIDES

DIMITROV, Dimiter S.; YING, Tianlei; JU, Tina W.; YUEN, Kwok Yung **Assignee:** THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; THE UNIVERSITY OF HONG KONG **Publication Number:** WO2015057942 **Publication date:** 04/23/2015 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

468. Human monoclonal antibodies against the middle east respiratory syndrome coronavirus (MERS-CoV) and engineered bispecific fusions with inhibitory peptides

Dimitrov, Dimiter S.; Ying, Tianlei; Ju, Tina W.; Yuen, Kwok Yung **Assignee:** The United States of America, as represented by the Secretary, Department of Health and Human Services; Veritech Limited **Publication Number:** US10421802 **Publication date:** 09/24/2019 **Kind:** Patent

Database: US Patents

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

469. DNA VACCINES TARGETING ANTIGENS OF THE SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS (SARS-CoV)

WU, Tzzy-Choou; HUNG, Chien-Fu; KIM, Tae Woo **Assignee:** THE JOHNS HOPKINS UNIVERSITY; WU, Tzzy-Choou; HUNG, Chien-Fu; KIM, Tae Woo **Publication Number:** WO2005081716 **Publication date:** 04/02/2009 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

470. PROTEASE INHIBITORS FOR CORONAVIRUSES AND SARS-COV AND THE USE THEREOF

ZHANG, Hong; KEMNITZER, William E.; CAI, Sui Xiong; ZHANG, Han-Zhong **Assignee:** Cytovia, Inc. **Publication Number:** EP1628674 **Publication date:** 03/01/2006 **Kind:** Application without Search Report

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

471. Life Technologies Supports global effort to help accelerate emergency screening of novel middle east respiratory syndrome Coronavirus (MERS-CoV).

Source: *PR Newswire*, 26 Jun 2013 **Availability:** Website: <http://www.prnewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

472. HUMAN MONOCLONAL ANTIBODIES AGAINST THE MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV) AND ENGINEERED BISPECIFIC FUSIONS WITH INHIBITORY PEPTIDES

Dimitrov, Dimiter S.; Ying, Tianlei; Ju, Tina W.; Yuen, Kwok Yung **Assignee:** THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERV; THE UNIVERSITY OF HONG KONG **Publication Number:** US20160264647 **Publication date:** 09/15/2016 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

473. 2019 performance: stronger foundation to absorb global effects of COVID-19 pandemic: key figure.

Source: *Chemical Business News Base (CBNB)*, 8 Apr 2020 **Availability:** Boehringer Ingelheim, website: <http://www.boehringer-ingenelheim.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

474. A Case Study Evaluating the Risk of Infection from Middle Eastern Respiratory Syndrome Coronavirus (MERS-CoV) in a Hospital Setting Through Bioaerosols

Adhikari, Umesh (Department of Biosystems and Agricultural Engineering, Michigan State University, East Lansing; MI, United States); Chabrelie, Alexandre; Weir, Mark; Boehnke, Kevin; McKenzie, Erica; Ikner, Luisa; Wang, Meng; Wang, Qing; Young, Kyana; Haas, Charles N.; Rose, Joan; Mitchell, Jade **Source:** *Risk Analysis*, v 39, n 12, p 2608-2624, December 1, 2019

Database: GEOBASE

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

475. A preliminary study of the origin and evolution of SARS-CoV

She Zhensu (Center for Theor. Biol., Peking Univ., Beijing, China); Yang Zhu; Ouyang Zhengqing; Zhu Huaiqiu; Wang Chao; Yin Jianxin **Source:** *Acta Scientiarum Naturalium Universitatis Pekinensis*, v 39, n 6, p 809-14, Nov. 2003

Language: Chinese

Database: Inspec

Copyright 2004, IEE

Data Provider: Engineering Village

476. A molecular docking model of SARS-CoV S1 protein in complex with its receptor, human ACE2

Zhang, Yuan (School of Life Sciences, Fudan University, Shanghai 200433, China); Zheng, Nan; Hao, Pei; Cao, Ying; Zhong, Yang **Source:** *Computational Biology and Chemistry*, v 29, n 3, p 254-257, June 2005

Database: Chimica

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

477. A Case Study Evaluating the Risk of Infection from Middle Eastern Respiratory Syndrome Coronavirus (MERS-CoV) in a Hospital Setting Through Bioaerosols

Adhikari, Umesh (Department of Biosystems and Agricultural Engineering, Michigan State University, East Lansing; MI, United States); Chabrelie, Alexandre; Weir, Mark; Boehnke, Kevin; McKenzie, Erica; Ikner, Luisa; Wang, Meng; Wang, Qing; Young, Kyana; Haas, Charles N.; Rose, Joan; Mitchell, Jade **Source:** *Risk Analysis*, v 39, n 12, p 2608-2624, December 1, 2019

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

478. Axovant provides business and operations update during the COVID-19 pandemic.

Source: *globoNewsWire*, 8 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

479. Vaccine against severe acute respiratory syndrome causing coronavirus (SARS-CoV)

Enjuanes Sanches, Luis; Almazan, Fernando, Dr. **Assignee:** CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS **Publication Number:** EP1632564 **Publication date:** 03/08/2006 **Kind:** Application with Search Report

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

480. VACCINE AGAINST SEVERE ACUTE RESPIRATORY SYNDROME CAUSING CORONAVIRUS (SARS-COV)

ENJUANES SANCHES, Luis; ALMAZAN, Fernando **Assignee:** CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS; ENJUANES SANCHES, Luis; ALMAZAN, Fernando **Publication Number:** WO2006024543

Publication date: 03/09/2006 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

481. CytoSorbents enters agreement with China Medical System Holdings Limited to bring CytoSorb to Mainland China to treat critically-ill patients with COVID-19 coronavirus infection.

Source: *PR Newswire*, 19 Feb 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

482. Generex signs contract with EpiVax to develop li-key peptide vaccines to address the coronavirus pandemic.

Source: *globenewswire*, 4 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

483. QIAGEN gains BARDA funding for approval process of QIAstat-Dx test kit for SARS-CoV-2 coronavirus.

Source: *BioSpace*, 13 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

484. Determination and declaration regarding emergency use of in vitro diagnostics for detection of Middle East respiratory syndrome coronavirus (MERS-Cov).

Source: *Federal Register*, v 78, n 108, p 33842-33843, 5 Jun 2013 **Availability:** Website: <http://www.gpo.gov/fdsys>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

485. Epidemic spreading on modular networks: the fear to declare a pandemic [arXiv]

Valdez, L.D. (Dept. of Phys., Boston Univ., Boston, MA, United States); Braunstein, L.A.; Havlin, S. **Source:** *arXiv*, p 37 pp., 20 Sept. 2019

Database: Inspec

Copyright 2020, The Institution of Engineering and Technology

Data Provider: Engineering Village

486. Ocular Therapeutix provides business update and response to COVID-19 global pandemic.

Source: *BioSpace*, 13 Apr 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

487. Roche's cobas SARS-CoV-2 Test to detect novel coronavirus receives FDA Emergency Use Authorization and is available in markets accepting the CE mark.

Source: *Chemical Business News Base (CBNB)*, 13 Mar 2020 **Availability:** Roche, website: <http://www.roche.com/index.htm>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

488. Roche's cobas SARS-CoV-2 Test to detect novel coronavirus receives FDA Emergency Use Authorization and is available in markets accepting the CE mark.

Source: *globenewswire*, 13 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

489. A field indoor air measurement of SARS-CoV-2 in the patient rooms of the largest hospital in Iran

Faridi, Sasan (Centre for Air Pollution Research (CAPR), Institute for Environmental Research (IER), Tehran University of Medical Sciences, Tehran, Iran); Niazi, Sadegh; Sadeghi, Kaveh; Naddafi, Kazem; Yavarian, Jila; Shamsipour, Mansour; Jandaghi, Nazanin Zahra Shafiei; Sadeghniaat, Khosro; Nabizadeh, Ramin; Yunesian, Masud; Momeniha, Fatemeh; Mokamel, Adel; Hassanvand, Mohammad Sadegh; MokhtariAzad, Talat **Source:** *Science of the Total Environment*, v 725, 10 July 2020

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

490. ObsEva provides update related to COVID-19 pandemic.

Source: *globenewswire*, 23 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

491. Reata Pharmaceuticals provides update on the impact of the COVID-19 pandemic on its clinical studies and business operations.

Source: *globenewswire*, 30 Mar 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

492. Otonomy provides business update related to COVID-19 pandemic.

Source: *globenewswire*, 9 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

493. Mylan and Upjohn delay close of merger due to COVID-19 pandemic.

Source: *BioSpace*, 26 Mar 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

494. Inventiva provides a corporate business update in the context of the COVID-19 pandemic.

Source: *globenewswire*, 7 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

495. Cytokinetics provides clinical trials and business update in response to COVID-19 pandemic.

Source: *globenewswire*, 14 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

496. Steady-state and pre-steady-state kinetic evaluation of severe acute respiratory syndrome coronavirus (SARS-CoV) 3CLpro cysteine protease: Development of an ion-pair model for catalysis

Solowiej, James (Pfizer Global Research and Development, La Jolla, Pfizer Inc., 10777 Science Center Drive, San Diego, CA 92121, United States); Thomson, James A.; Ryan, Kevin; Luo, Chun; He, Mingying; Lou, Jihong; Murray, Brion W. **Source:** *Biochemistry*, v 47, n 8, p 2617-2630, February 26, 2008

Database: Compendex

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

497. Hand sanitizer spray market showing huge surge due to Covid-19 pandemic: CAGR to hit 8.7% by 2026.

Source: *PR Newswire*, 15 Apr 2020 **Availability:** Website: <https://prnmedia.prnewswire.com/>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

498. Catalyst Pharmaceuticals provides update on impact of COVID-19 pandemic on its business activities.

Source: *globenewswire*, 8 Apr 2020 **Availability:** Website: <http://www.globenewswire.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

499. Veracyte announces preliminary 1Q 2020 financial results and provides business update in response to COVID-19 pandemic.

Source: *BioSpace*, 16 Apr 2020 **Availability:** Website: <http://www.biospace.com>

Database: CBNB

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

500. IMMUNOGENIC MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV) COMPOSITIONS AND METHODS

SMITH, Gale; LIU, Ye; MASSARE, Michael **Assignee:** Novavax, Inc. **Publication Number:** EP3046579 **Publication date:** 07/27/2016 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village