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Rochelet, Murielle (Université de Bourgogne, UMR 1347 Agroécologie, 7 Boulevard Jeanne d'Arc, 21000 Dijon, France); Solanas, Sébastien; Grossiord, Céline; Maréchal, Patricia; Résa, Cécile; Vienney, Fabienne; Barranger, Come; Joannes, Martine Source: Talanta, v 100, p 139-144, October 15, 2012
Database: Compendex
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Pauly, Maude (Infectious Diseases Research Unit, Department of Infection and Immunity, Luxembourg Institute of Health, Esch-sur-Alzette, Luxembourg); Pir, Jacques B.; Loesch, Catherine; Sausy, Aurélie; Snoeck, Chantal J.; Hübschen, Judith M.; Muller, Claude P. Source: Applied and Environmental Microbiology, v 83, n 18, September 1, 2017
Database: GEOBASE
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Copyright 2012, The Institution of Engineering and Technology
Data Provider: Engineering Village
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Database: WO Patents
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Ejima, Keisuke (Graduate School of Medicine, The University of Tokyo, Medical Building No. 3, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan); Aihara, Kazuyuki; Nishiura, Hiroshi  Source: Journal of Theoretical Biology, v 346, p 47-53, April 7, 2014
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Ribeiro, Caroline Oliveira (Biomedical Instrumentation Laboratory, Institute of Biology and Faculty of Engineering, State University of Rio de Janeiro, Rio de Janeiro, Brazil); Faria, Alvaro Camilo Dias; Lopes, Agnaldo José; de Melo, Pedro Lopes  Source: IFMBE Proceedings, v 70, n 1, p 63-68, 2019
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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
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Rolle, Italia V. (Division of Public Health Systems and Workforce Development, Center for Global Health, Centers for Disease Control and Prevention, 1600 Clifton Road NE, Atlanta, GA 30333, United States); Pearson, Michele L.; Nsubuga, Peter  Source: American Journal of Epidemiology, v 174, n SUPPL. 11, p S97-S112, December 1, 2011
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Shi, Yan (School of Automation Science and Electrical Engineering, Beihang University, Beijing; 100191, China); Niu, Jinglong; Cai, Maolin; Xu, Weiqing Source: *Journal of Mechanics in Medicine and Biology*, v 16, n 3, May 1, 2016
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Amaral, Jorge L.M. (Department of Electronics and Telecommunications Engineering, State University of Rio de Janeiro, Rio de Janeiro, Brazil); Lopes, Agnaldo J.; Jansen, José M.; Faria, Alvaro C.D.; Melo, Pedro L. Source: *Computer Methods and Programs in Biomedicine*, v 112, n 3, p 441-454, December 2013
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Xie, Fen (Shandong University of Arts, Jinan; 250014, China) Source: *Chemical Engineering Transactions*, v 68, p 397-402, 2018
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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, Wenzuo; Huang, Baoying; Zhang, Senyan; Lan, Jun; Zhang, Linqi; Tan, Wenjie; Wang, Xinquan Source: *Nature Communications*, v 10, n 1, December 1, 2019
Database: GEOBASE
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El-Deeb, Wael (Department of Clinical Sciences, College of Veterinary Medicine, King Faisal University, Al-Hofuf P.O. 400, Al-Ahsa; 31982, Saudi Arabia); Elsohaby, Ibrahim; Fayeza, Mahmoud; Mkrtchyan, Hermine V; El-Etriby, Dalia; EI-Gioushy, Magdy Source: *Acta Tropica*, v 204, April 2020
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Mitsakakis, Konstantinos (Hahn-Schickard, Georges-Koehler-Allee 103, Freiburg; 79110, Germany); Stumpf, Fabian; Strohmeier, Oliver; Klein, Vanessa; Mark, Daniel; Von Stetten, Felix; Peham, Johannes R.; Herz, Christopher; Tawakoli, Pune Nina; Wegehaupt, Florian; Attin, Thomas; Bostanci, Nagihan; Bao, Kai; Belibasakis, Georgios N.; Hays, John P.; Elshout, Gijs; Huisman, Robin C.; Klein, Stephanie; Stubbs, Andrew P.; Doms, Lutz; Wolf, Andreas; Rusu, Viorel; Goethel, Sven; Binsl, Thomas; Michie, Alex; Jancovicova, Jana; Kolar, Vladimir; Kostka, Michal; Smutny, Jiří; Karpisek, Michal; Estephan, Caroline; Cocaud, Camille; Zengerle, Roland Source: Studies in Health Technology and Informatics, v 224, p 61-66, 2016, pHealth 2016 - Proceedings of the 13th International Conference on Wearable Micro and Nano Technologies for Personalised Health
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Chaudhari, R. (Division of Neonatology, Department of Pediatrics, KEM Hospital, Pune 411 011, India); Deodhar, Jayant; Kadam, S.; Bavdekar, A.; Pandit, A. Source: Annals of Tropical Paediatrics, v 25, n 3, p 205-209, September 2005
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101. Coronavirus-like particles comprising functionally deleted genomes
Rottier, Petrus Josephus Marie; Maria De Haan, Cornelis Alexander; Haijema, Bert Jan Assignee: Stichting voor de Technische Wetenschappen; Universiteit Utrecht Publication Number: US7556957 Publication date: 07/07/2009 Kind: Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univenitio B.V.
Data Provider: Engineering Village

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De Haan, Cornelis Alexander Maria; Rottier, Petrus Josephus Marie; Bosch, Berend-Jan; Haijema, Bert Jan Publication Number: US20050130127 Publication date: 06/16/2005 Kind: Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univenitio B.V.
Data Provider: Engineering Village
103. COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF SARS CORONAVIRUS IN A SAMPLE
LINNEN, Jeffrey, M.; KACIAN, Daniel, L.; NELSON, Norman, C.; GETMAN, Damon, K.; VIJAYSRI, Sangeetha
Assignee: GEN-PROBE INCORPORATED
Publication Number: WO2004094675
Publication date: 02/10/2005
Kind: PUBL. OF SEARCH REPORT
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

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Availability: Website: http://www.globenewswire.com
Database: CBNB
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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LINNEN, Jeffrey, M.; KACIAN, Daniel, L.; NELSON, Norman, C.; GETMAN, Damon, K.; VIJAYSRI, Sangeetha
Assignee: GEN-PROBE INCORPORATED
Publication Number: WO2004094675
Publication date: 11/04/2004
Kind: Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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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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Source: globenewswire, 31 Jan 2020
Availability: Website: http://www.globenewswire.com
Database: CBNB
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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TER MEULEN, Jan, Henrik; DE KRUIF, Cornelis Adriaan; VAN DEN BRINK, Edward Norbert; GOUDSMIT, Jaap
Assignee: CRUCELL HOLLAND B.V.
Publication Number: WO2005012360
Publication date: 02/10/2005
Kind: Patent Application Publication
Database: WO Patents
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TER MEULEN, Jan, Henrik; DE KRUIF, Cornelis Adriaan; VAN DEN BRINK, Edward Norbert; GOUDSMIT, Jaap
Assignee: CRUCELL HOLLAND B.V.
Publication Number: WO2005012360
Publication date: 09/29/2005
Kind: PUBL. OF SEARCH REPORT
Database: WO Patents
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TAN, Emily Li Chuan; STANTON, Lawrence W. **Assignee:** GENOME INSTITUTE OF SINGAPORE  
**Publication Number:** WO2004108151 **Publication date:** 12/16/2004  
**Kind:** Patent Application Publication  
**Database:** WO Patents  
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111. SR-rich motif plays a pivotal role in recombinant SARS coronavirus nucleocapsid protein multimerization
Luo, Haibin (State Key Laboratory of Drug Research, Shanghai Institute of Materia Medica, Graduate School of the Chinese Academy of Sciences, Shanghai 201203, China); Ye, Fei; Chen, Kaixian; Shen, Xu; Jiang, Hualiang  
**Source:** Biochemistry, v 44, n 46, p 15351-15358, November 22, 2005  
**Database:** Compendex  
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KOSTRIKIS, Leondios, G. **Assignee:** BIRCH BIOMEDICAL RESEARCH LLC; KOSTRIKIS, Leondios, G.  
**Publication Number:** WO2005021798 **Publication date:** 03/10/2005  
**Kind:** Patent Application Publication  
**Database:** WO Patents  
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.  
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Vijaysri, Sangeetha; Nelson, Norman C.; Linnen, Jeffrey M.; Getman, Damon K.; Kacian, Daniel L.  
**Publication Number:** US20060134609 **Publication date:** 06/22/2006  
**Kind:** Utility Patent Application  
**Database:** US Patents  
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.  
**Data Provider:** Engineering Village

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**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

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Kostrikis, Leondios G. **Assignee:** Birch Biomedical Research LLC  
**Publication Number:** US7709188  
**Publication date:** 05/04/2010  
**Kind:** Patent  
**Database:** US Patents  
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.  
**Data Provider:** Engineering Village
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Database: NTIS
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Van Der Hoek, Cornelia Maria Assignee: Amsterdam Institute of Viral Genomics B.V. Publication Number: US8835107 Publication date: 09/16/2014 Kind: Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univenio B.V.
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Source: PR Newswire, 30 Jan 2020 Availability: Website: https://prnmedia.prnewswire.com/
Database: CBNB
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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Meulen, Jan H. Ter; De Kruif, Cornelis A.; Van Den Brink, Edward N.; Goudsmit, Jaap Assignee: Crucell Holland B.V. Publication Number: US7696330 Publication date: 04/13/2010 Kind: Patent
Database: US Patents
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Ter Meulen, Jan Henrik; Van Den Brink, Edward Norbert; De Kruif, Cornelis Adriaan; Goudsmit, Jaap Assignee: Crucell Publication Number: US20060121580 Publication date: 06/08/2006 Kind: Utility Patent Application
Database: US Patents
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Source: PR Newswire, 29 Jan 2020 Availability: Website: https://prnmedia.prnewswire.com/
Database: CBNB
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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122. Characterization and immunological evaluation of chitosan nanoparticles as adjuvants for bovine coronavirus N protein
Sun, Qingshen (Laboratory of Microbiology, College of Life Science, Heilongjiang University, Harbin 150080, Heilongjiang Province, China); Zhang, Jialing; Han, Dequan; Yang, Yongbo; Zhu, Li; Yu, Li Source: Applied Mechanics and Materials, v 161, p 113-120, 2012, Advanced Materials and Engineering Applications
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Database: CBNB
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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124. Multi-allelic molecular detection of sars-associated coronavirus
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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125. Multi-allelic molecular detection of SARS-associated coronavirus
Database: US Patents
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Source: BioSpace, 10 Feb 2020 Availability: Website: http://www.biospace.com
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Source: globenewswire, 27 Feb 2020 Availability: Website: http://www.globenewswire.com
Database: CBNB
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Source: La Tribune, 14 Feb 2020 Language: French Availability: Website: http://www.latribune.fr/
Database: CBNB
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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Compilation and indexing terms, Copyright 2020 Elsevier Inc.
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Source: globenewswire, 27 Jan 2020 Availability: Website: http://www.globenewswire.com
Database: CBNB
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132. 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
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Data Provider: Engineering Village

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Database: GEOBASE
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134. Cynomolgus Macaque as an Animal Model for Severe Acute Respiratory Syndrome
Database: NTIS
Compiled and Distributed by the NTIS, U.S. Department of Commerce. It contains copyrighted material. All rights reserved. 2020
Data Provider: Engineering Village

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Source: globenewswire, 6 Feb 2020 Availability: Website: http://www.globenewswire.com
Database: CBNB
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Source: BioSpace, 7 Feb 2020 Availability: Website: http://www.biospace.com
Database: CBNB
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Chen, Hui-Wen (Department of Veterinary Medicine, National Taiwan University, Taipei, Taiwan); Huang, Chen-Yu; Lin, Shu-Yi; Fang, Zih-Syun; Hsu, Chen-Hsuan; Lin, Jung-Chen; Chen, Yuan-I; Yao, Bing-Yu; Hu, Che-Ming J.  
Source: Biomaterials, v 106, p 111-118, November 1, 2016  
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Source: globenewswire, 26 Feb 2020  
Availability: Website: http://www.globenewswire.com  
Database: CBNB  
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139. Multiplex RT-PCR/PCR for simultaneous detection of bovine coronavirus, bovine rotavirus, Cryptosporidium parvum, and Escherichia coli  
Maes, Roger K.; Wise, Annabel G.  
Assignee: Board of Trustees of Michigan State University  
Publication Number: US20050239057  
Publication date: 10/27/2005  
Database: US Patents  
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140. MULTIPLEX RT-PCR/PCR FOR SIMULTANEOUS DETECTION OF BOVINE CORONAVIRUS, BOVINE ROTAVIRUS, CRYPTOSPORIDIUM PARVUM, AND ESCHERICHIA COLI  
Wise, Annabel G.; Maes, Roger K.  
Assignee: Board of Trustees operating Michigan State University  
Publication Number: US20050026144  
Publication date: 02/03/2005  
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141. Multiplex RT-PCR/PCR for simultaneous detection of bovine coronavirus, bovine rotavirus, Cryptosporidium parvum, and Escherichia coli  
Maes, Roger K.; Wise, Annabel G.  
Assignee: Board of Trustees of Michigan State University  
Publication Number: US6867021  
Publication date: 03/15/2005  
Kind: Utility Patent Grant (with pre-grant publication)  
Database: US Patents  
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Weng, Xuan (BioNano Laboratory, School of Engineering, University of Guelph, Guelph; ON; N1G 2W1, Canada); Neethirajan, Suresh  
Source: IEEE Sensors Journal, v 18, n 11, p 4358-4363, June 1, 2018  
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Hsu, You-Ren (Institute of Nanoengineering and Microsystems, National Tsing Hua University, Hsinchu, 300, Taiwan); Lee, Geng-Yen; Chyi, Jen-Inn; Chang, Chung-Ke; Huang, Chih-Cheng; Hsu, Chen-Pin; Huang, Tai-Huang; Ren, Fan; Wang, Yu-Lin Source: Proceedings of IEEE Sensors, 2012, IEEE SENSORS 2012 - Proceedings
Database: Compendex
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LOU JIANRONG; PRICE JAMES ARTHUR JR; YURSIS DARETTA ANN; WOLFE DAVID MICHAEL; KELLER LISA MARIE; HELLYER TOBIN JAMES Assigned: BECTON DICKINSON CO; LOU JIANRONG; PRICE JAMES ARTHUR JR; YURSIS DARETTA ANN; WOLFE DAVID MICHAEL; KELLER LISA MARIE; HELLYER TOBIN JAMES Publication Number: WO2005025408 Publication date: 03/24/2005 Kind: Patent Application
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

146. ASSAY FOR SARS CORONAVIRUS BY AMPLIFICATION AND DETECTION OF THE REPLICASE SEQUENCE
LOU, Jianrong; PRICE, James, Arthur, Jr.; YURSIS, Daretta, Ann; WOLFE, David, Michael; KELLER, Lisa, Marie; HELLYER, Tobin, James Assigned: BECTON, DICKINSON AND COMPANY Publication Number: WO2005025407 Publication date: 03/24/2005 Kind: Patent Application Publication(Republication)
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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147. ASSAY FOR SARS CORONAVIRUS BY AMPLIFICATION AND DETECTION OF NUCLEOCAPSID RNA SEQUENCE
LOU, Jianrong; PRICE, James, Arthur, Jr.; YURSIS, Daretta, Ann; WOLFE, David, Michael; KELLER, Lisa, Marie; HELLYER, Tobin, James Assigned: BECTON, DICKINSON AND COMPANY; LOU, Jianrong; PRICE, James, Arthur, Jr.; YURSIS, Daretta, Ann; WOLFE, David, Michael; KELLER, Lisa, Marie; HELLYER, Tobin, James Publication Number: WO2005025408 Publication date: 04/16/2009 Kind: PUBL. OF SEARCH REPORT
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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148. ASSAY FOR SARS CORONAVIRUS BY AMPLIFICATION AND DETECTION OF THE REPLICASE SEQUENCE

149. Arch-shaped multiple-target sensing for rapid diagnosis and identification of emerging infectious pathogens
Bonhan Koo (Dept. of Convergence Med., Univ. of Ulsan Coll. of Med., Seoul, Korea, Republic of); Ki Ho Hong; Choong Eun Jin; Ji Yeun Kim; Sung-Han Kim; Yong Shin Source: Biosensors and Bioelectronics, v 119, p 79-85, 15 Nov. 2018 Database: Inspec Copyright 2018, The Institution of Engineering and Technology Data Provider: Engineering Village

150. Assay for SARS coronavirus by amplification and detection of the replicase sequence

151. Increased detection of viruses in children with respiratory tract infection using PCR
Lin, Chien-Yu (Department of Pediatrics, Hsinchu MacKay Memorial Hospital, Hsinchu; 30071, Taiwan); Hwang, David; Chiu, Nan-Chang; Weng, Li-Chuan; Liu, Hsin-Fu; Mu, Jung-Jung; Liu, Chang-Pan; Chi, Hsin Source: International Journal of Environmental Research and Public Health, v 17, n 2, January 2, 2020 Database: GEOBASE Compilation and indexing terms, Copyright 2020 Elsevier Inc. Data Provider: Engineering Village

152. An isothermal, label-free, and rapid one-step RNA amplification/detection assay for diagnosis of respiratory viral infections
Koo, Bonhan (Department of Convergence Medicine, Asan Medical Center, University of Ulsan College of Medicine, Biomedical Engineering Research Center, Asan Institute of Life Sciences, Asan Medical Center, 88 Olympicro-43gil, Songpa-gu, Seoul, Korea, Republic of); Jin, Choong Eun; Lee, Tae Yoon; Lee, Jeong Hoon; Park, Mi Kyoung; Sung, Heungsup; Park, Se Yoon; Lee, Hyun Jung; Kim, Sun Mi; Kim, Ji Yeun; Kim, Sung-Han; Shin, Yong Source: Biosensors and Bioelectronics, v 90, p 187-194, April 15, 2017 Database: Compendex Compilation and indexing terms, Copyright 2020 Elsevier Inc. Data Provider: Engineering Village

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MILLER TIMOTHY J; KLEPFER SHARON; REED ALBERT PAUL; JONES ELAINE V Assignee: SMITHKLINE BEECHAM CORP; MILLER TIMOTHY J; KLEPFER SHARON; REED ALBERT PAUL; JONES ELAINE V Publication Number: WO9323423 Publication date: 11/25/1993 Kind: Patent Application Publication
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TER MEULEN, Jan, Henrik; GOUDSMIT, Jaap; SLOOTSTRA, Jelle Wouter; TIMMERMAN, Peter Assignee: CRUCELL HOLLAND B.V. Publication Number: WO2005012338 Publication date: 02/10/2005 Kind: Patent Application Publication
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TER MEULEN, Jan, Henrik; GOUDSMIT, Jaap; SLOOTSTRA, Jelle Wouter; TIMMERMAN, Peter; PUIJK, Wouter Cornelis Assignee: CRUCELL HOLLAND B.V. Publication Number: WO2004111081 Publication date: 02/10/2005 Kind: PUBL. OF SEARCH REPORT
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TER MEULEN, Jan, Henrik; GOUDSMIT, Jaap; SLOOTSTRA, Jelle Wouter; TIMMERMAN, Peter; DE KRUIF, Cornelis Adriaan; VAN DEN BRINK, Edward Norbert Assignee: CRUCELL HOLLAND B.V. Publication Number: WO2005012337 Publication date: 02/10/2005 Kind: Patent Application Publication(Republication)
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TER MEULEN, Jan, Henrik; GOUDSMIT, Jaap; SLOOTSTRA, Jelle Wouter; TIMMERMAN, Peter; DE KRUIF, Cornelis Adriaan; VAN DEN BRINK, Edward Norbert
Assignee: CRUCELL HOLLAND B.V.; TER MEULEN, Jan, Henrik; GOUDSMIT, Jaap; SLOOTSTRA, Jelle Wouter; TIMMERMAN, Peter; DE KRUIF, Cornelis Adriaan; VAN DEN BRINK, Edward Norbert
Publication Number: WO2005012337 Publication date: 03/16/2006 Kind: PUBL. OF SEARCH REPORT
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Park, Tae Jung (Department of Chemical and Biomolecular Engineering (BK21 Program), BioProcess Engineering Research Center, Korea Advanced Institute of Science and Technology (KAIST), Daejeon 305-701, Korea, Republic of); Lee, Sang Yup; Lee, Seok Jae; Park, Jong Pil; Yang, Kwang Suk; Lee, Kyung-Bok; Ko, Sungho; Park, Jong Bae; Kim, Taekeun; Kim, Seong Kyu; Shin, Yong Bum; Chung, Bong Hyun; Ku, Su-Jin; Kim, Do Hyun; I.S., Choi
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Kostrikis, Leondios, G.; Birch Biomedical Research LLC
Assignee: Kostrikis, Leondios, G.; Birch Biomedical Research LLC
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TER MEULEN, Jan, Henrik; GOUDSMIT, Jaap; SLOOTSTRA, Jelle Wouter; TIMMERMAN, Peter; PUIJK, Wouter Cornelis
Assignee: CRUCELL HOLLAND B.V.
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Ter Meulen, Jan Henrik; Goudsmit, Jaap; Puijk, Wouter Cornelis; Timmerman, Peter; Slootstra, Jelle Wouter
Assignee: Crucell Holland B.V.
Database: US Patents
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Timmerman, Peter; Goudsmit, Jaap; Slootstra, Jelle Wouter; Ter Meulen, Jan
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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de Kruif, Cornelis Adriaan; Goudsmit, Jaap; Timmerman, Peter; Slootstra, Jelle Wouter; van den Brink, Edward N.; ter Meulen, Jan H. **Assignee:** Crucell Holland B.V. **Publication Number:** US20070128217 **Publication date:** 06/07/2007

**Kind:** Utility Patent Application

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Penzes, Z. (Division of Molecular Biology, Institute for Animal Health, Newbury, Berkshire RG16 ONN, United Kingdom); Tibbles, K.W.; Shaw, K.; Britton, P.; Brown, T.D.K.; Cavanagh, D. **Source:** Advances in Experimental Medicine and Biology, v 380, p 563-569, 1995

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WOLFE, David, Michael; LOU, Jianrong; KELLER, Lisa, Marie; PRICE, James, Arthur, Jr.; HELLYER, Tobin, James; YURSIS, Daretta, Ann **Assignee:** Becton, Dickinson and Company **Publication Number:** EP1667570 **Publication date:** 06/14/2006

**Kind:** Application without Search Report

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Koo, Bonhan (Department of Convergence Medicine, Asan Medical Center, University of Ulsan College of Medicine, Biomedical Engineering Research Center, Asan Institute of Life Sciences, Asan Medical Center, 88 Olympicro-43gil, Songpa-gu, Seoul, Korea, Republic of); Hong, Ki Ho; Jin, Choong Eun; Kim, Ji Yeun; Kim, Sung-Han; Shin, Yong **Source:** Biosensors and Bioelectronics, v 119, p 79-85, 15 November 2018

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HELLYER, Tobin, James; PRICE, James, Arthur, Jr.; WOLFE, David, Michael; YURSIS, Daretta, Ann; KELLER, Lisa, Marie; LOU, Jianrong **Assignee:** Becton, Dickinson and Company **Publication Number:** EP1662966 **Publication date:** 06/07/2006

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KACIAN, Daniel L. **Assignee:** GEN-PROBE INCORPORATED **Publication Number:** US20100279276 **Publication date:** 11/04/2010

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Shen, Jianhua; Jiang, Hualiang; Shen, Xu; Zuo, Jianping; Luo, Xiaomin; Bai, Donglu; Shen, Jingkang; Chen, Kaixian; Gui, Chunshan; Chen, Lil; Chen, Jing; Yang, Yifu; Zhuang, Xianhan; Yang, Yiming; He, Xuchang; Liu, Hong; Xiong, Bing; Luo, Haibin; Sun, Tao; Ye, Fei Assignee: Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Shanghai Lead Discovery Pharmaceuticals Limited Company Publication Number: US7662860 Publication date: 02/16/2010 Kind: Patent
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Luo, Haibin; Shen, Jingkang; Shen, Xu; Luo, Xiaomin; Shen, Jianhua; Sun, Tao; Xiong, Bing; Jiang, Hualiang; Gui, Chunshnan; Chen, Kaixian; Ye, Fei; Bai, Dongliu; Yang, Yiming; Yang, Yifu; Liu, Hong; Chen, Lili; Zuo, Jianping; Zhuang, Xianhan; Chen, Jing; He, Xuchang 
Assignee: Shanghai Lead Discovery Pharmaceuticals Limited Company; Shanghai Institute of Materia Medica, Chinese Academy of Sciences 
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HILGENFELD, Rolf; ANAND, Kanchan; ZIEBUHR, John; MESTERS, Jeroen, R.; WADHWANI, Parvesh 
Assignee: Universität zu Lübeck 
Publication Number: EP1623028 
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Shen, Shuo (Institute of Molecular Agrobiology, National University of Singapore, 1 Research Linke, Singapore 117604, Singapore); Ding, Xiang Liu 
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Pang, Ronald T. K. (Centre for Emerging Infectious Diseases, Chinese University of Hong Kong, Prince of Wales Hospital, Shatin, NT, Hong Kong); Poon, Terence C. W.; Chan, K.C. Allen; Lee, Nelson L. S.; Chiu, Rossa W. K.; Tong, Yu-Kwan; Wong, Ronald M. Y.; Chim, Stephen S. C.; Ngai, Sai M.; Sung, Joseph J. Y.; Lo, Y. M. Dennis 
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Izeta, A. (Department of Molecular and Cell Biology, Centra Nacional de Biotecnologia, Campus Universidad Autonoma, Canto Blanco 28049 Madrid, Spain); Sanchez, C.M.; Smerdou, C.; Mendez, A.; Alonso, S.; Balasch, M.; Plana-Durán, J.; Enjuanes, L. Source: Advances in Experimental Medicine and Biology, v 440, p 207-214, 1998
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Shi, Lei (Guangdong Province Key Laboratory of Molecular Immunology and Antibody Engineering, Antibody 
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Lei Shi (Guangdong Province Key Lab. of Mol. Immunology & Antibody Eng., Jinan Univ., Guangzhou, China); 
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Kahya, Yasemin P. (Bogazici Univ, Istanbul, Turkey); Guler, E.Cagatay; Sahin, Serdar Source: Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings, v 5, p 2051-2053, 1997
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Zhou, Lu (State Key Laboratory for Structural Chemistry of Unstable and Stable Species, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, China); Liu, Ying; Zhang, Weilin; Wei, Ping; Huang, Changkang; Pei, Jianfeng; Yuan, Yaxia; Lai, Luhua Source: Journal of Medicinal Chemistry, v 49, n 12, p 3440-3443, June 15, 2006
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Mendez, A. (Dept. of Molecular/Cellular Biology, Centro Nacional de Biotecnologia, Campus Universidad Autonoma, Canto Blanco, Madrid 28049, Spain); Smerdou, C.; Gebauer, F.; Izeta, A.; Enjuanes, L. Source: Advances in Experimental Medicine and Biology, v 380, p 583-589, 1995
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He, Ming-Liang; Guan, Yi; Zheng, Bojian; Huang, Jiandong Assignee: THE UNIVERSITY OF HONG KONG
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Minekawa, Harumi; Watanabe, Keiko; Kojiya, Shinichi Assignee: Eiken Kagaku Kabushiki Kaisha
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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Minekawa, Harumi; Watanabe, Keiko; Kojiya, Shinichi Assignee: Eiken Kagaku Kabushiki Kaisha
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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Minekawa, Harumi; Watanabe, Keiko; Kojiya, Shinichi Assignee: Eiken Kagaku Kabushiki Kaisha
Publication Number: US7399588 Publication date: 07/15/2008 Kind: Patent
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CAMPBELL, William; JIA, William; ZHOU, Qun Assignee: PEGASUS PHARMACEUTICALS GROUP INC.
Publication Number: WO2004108756 Publication date: 06/09/2005 Kind: PUBL. OF SEARCH REPORT
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CAMPBELL, William; JIA, William; ZHOU, Qun Assignee: PEGASUS PHARMACEUTICALS GROUP INC.
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RESTA SILVIA NM; LUBY JAMES P Assignee: UNIV TEXAS
Database: WO Patents
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Decaro, Nicola; Martella, Vito; Elia, Gabriella; Campolo, Marco; Desario, Costantina; Tempesta, Maria Assignee: Buonavoglia, Canio Publication Number: EP2283859 Publication date: 02/16/2011 Kind: Patent Application Publication(Republication)
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Jones, Elaine V.; Klepfer, Sharon R.; Reed, Albert Paul; Suiter, Brian T.; Pfeiffer, Nancy E.; Miller, Timothy J.
Assignee: Pfizer Inc. Publication Number: US6642359 Publication date: 11/04/2003 Kind: Utility Patent Grant (with pre-grant publication)
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Koo, Bonhan (Department of Convergence Medicine, Asan Medical Center, University of Ulsan College of Medicine, Biomedical Engineering Research Center, Asan Institute of Life Sciences, Asan Medical Center, 88 Olympicro-43gil, Songpa-gu, Seoul, Korea, Republic of); Jin, Choong Eun; Lee, Tae Yoon; Lee, Jeong Hoon; Park, Mi Kyoung; H., Sung; S.Y., Park; H.J., Lee; S.M., Kim; J.Y., Kim; S.-H., Kim; Y., Shin Source: Biosensors and Bioelectronics, v 90, p 187-194, April 15, 2017
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AUSTIN, Kimberly M.; KAPIL, Sanjay; KIM, Jeong-ki Assignee: KANSAS STATE UNIVERSITY RESEARCH FOUNDATION; AUSTIN, Kimberly M.; KAPIL, Sanjay; KIM, Jeong-ki Publication Number: WO2006046979 Publication date: 04/16/2009 Kind: PUBL. OF SEARCH REPORT
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AUSTIN, Kimberly M.; KAPIL, Sanjay; KIM, Jeong-ki Assignee: KANSAS STATE UNIVERSITY RESEARCH FOUNDATION; AUSTIN, Kimberly M.; KAPIL, Sanjay; KIM, Jeong-ki Publication Number: WO2006046979
Publication date: 05/04/2006 Kind: Patent Application Publication
Database: WO Patents
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Data Provider: Engineering Village

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Database: US Patents
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Database: CBNB
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Database: Compendex
Compilation and indexing terms, Copyright 2020 Elsevier Inc.
Data Provider: Engineering Village
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NAL-ROGIER, Béatrice, Thérèse, Marie; ALTMeyer, Ralf, Marius; KIen, François; MILlet, Jean; TEOH, Kim, Tat; SIU, Yu Lam Assignee: HONG-KONG PASTEUR RESEARCH CENTRE; NAL-ROGIER, Béatrice, Thérèse, Marie; ALTMeyer, Ralf, Marius; KIen, François; MILlet, Jean; TEOH, Kim, Tat; SIU, Yu Lam Publication Number: WO2008062309 Publication date: 05/29/2008 Kind: Patent Application Publication(Republication)

Database: WO Patents

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

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NAL-ROGIER, Béatrice, Thérèse, Marie; ALTMeyer, Ralf, Marius; KIen, François; MILlet, Jean; TEOH, Kim, Tat; SIU, Yu Lam Assignee: HONG-KONG PASTEUR RESEARCH CENTRE; NAL-ROGIER, Béatrice, Thérèse, Marie; ALTMeyer, Ralf, Marius; KIen, François; MILlet, Jean; TEOH, Kim, Tat; SIU, Yu Lam Publication Number: WO2008062309 Publication date: 12/04/2008 Kind: PUBL. OF SEARCH REPORT

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LAI DERHSING; PHOUNSAVAN SAY FONE Assignee: SARS SCIENT CORP; LAI DERHSING; PHOUNSAVAN SAY FONE Publication Number: WO2005000234 Publication date: 01/06/2005 Kind: Patent Application Publication(Republication)

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LAI, Derhsing; PHOUNSAVAN, Say Fone Assignee: SARS SCIENTIFIC CORP. Publication Number: WO2005000234 Publication date: 11/17/2005 Kind: PUBL. OF SEARCH REPORT

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Publication date: 29 May 2003 Availability: Altachem Pharma Ltd, 17215, 108 Avenue, NW Edmonton, AB T5S 1G2, Canada, Tel: +1 780 448 1400, Fax: +1 780 416 0324, E-mail: altachempharma@altachempharma.com, Website: http://www.altachempharma.com

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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
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KAPIL, Sanjay Assignee: KANSAS STATE UNIVERSITY RESEARCH FOUNDATION Publication Number: EP833903 Publication date: 04/08/1998 Kind: APPLICATION WITH SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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Database: US Patents
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KAPIL SANJAY Assignee: UNIV KANSAS STATE Publication Number: WO9641874 Publication date: 12/27/1996
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DENISON, Mark Assignee: VANDERBILT UNIVERSITY; DENISON, Mark Publication Number: WO2006076007 Publication date: 04/05/2007 Kind: PUBL. OF SEARCH REPORT
Database: WO Patents
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Keenan, K. P.; Binn, L. N.; Takeuchi, A. (Walter Reed Army Inst of Research Washington DC), 6p, 1979 Database: NTIS Compiled and Distributed by the NTIS, U.S. Department of Commerce. It contains copyrighted material. All rights reserved. 2020 Data Provider: Engineering Village
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Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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SHEN, Shuo; HONG, Wanjin; LIM, Seng Gee; TAN, Yee Joo; FIELDING, Burtram, Clinton; GOH, Phuay, Yee; TAN, Timothy Hoe Peng; FU, Jian Lin Assignee: AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH; CHENG, Kent, H. Publication Number: WO2005056585 Publication date: 06/23/2005 Kind: Patent Application
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Database: WO Patents
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Briese, Thomas; Lipkin, W. Ian; Palacios, Gustavo; Jabado, Omar Assignee: The Trustees of Columbia University In the City of New York Publication Number: US7582740 Publication date: 09/01/2009 Kind: Patent
Database: US Patents
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Ter Meulen, Jan Henrik; Van Den Brink, Edward Norbert; De Kruijf, Cornelis Adriaan; Goudsmit, Jaap Assignee: Crucell Holland B.V. Publication Number: US8106170 Publication date: 01/31/2012 Kind: Patent
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Publication date: 08/18/2016 Kind: Patent Application
Database: US Patents
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Hong, Wanjin; Lim, Seng Gee; Fielding, Burtram Clinton; Tan, Timothy Hoe Peng; Fu, Jian Lin; Tan, Yee Joo; Shen, Shuo; Goh, Phuay Yee Publication Number: US20070116716
Publication date: 05/24/2007 Kind: Utility Patent Application
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Lee, Soo-Hyung; Hong, Hyo-Bong; Kim, Tae-Wan; Chung, Myung-Ae; Sohn, Sung-Won; Yoo, Seoung-Min Assignee: Electronics and Telecommunications Research Institute Publication Number: EP2259064
Publication date: 12/08/2010 Kind: Patent Application Publication(Republication)
Database: EP Patents
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Kung, Hsiang-Fu; Peng, Ying; He, Ming-Liang; Lin, Marie Chia-Mi; Guan, Yi; Zheng, Bo-Jiang Assignee: The University of Hong Kong Publication Number: US7129223 Publication date: 10/31/2006 Kind: Utility Patent Grant (with pre-grant publication)
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Kung, Hsiang-Fu; He, Ming-Liang; Zheng, Bo-Jiang; Guan, Yi; Lin, Marie Chia-Mi; Peng, Ying Assignee: The University of Hong Kong Publication Number: US7429656 Publication date: 09/30/2008 Kind: Patent
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Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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Publication date: 5 Sep 2003 Availability: Intradigm Corp, 12115, Parklawn Drive, Suite K, Rockville, MD 20852, USA, Tel: +1 301 984 0185, Fax: +1 301 984 0186, E-mail: info@intradigm.com, Website: http://www.intradigm.com
Database: CBNB
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LEE, Soo-Hyung; Hong, Hyo-Bong; Kim, Tao-Wan; Chung, Myung-Ae; Sohn, Sung-Woo; Yoo, Seoung-Min Assignee: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Publication Number: US20100304363 Publication date: 12/02/2010 Kind: Patent Application Publication
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Publication date: 15 Jun 2004 Availability: Intradigm Corp, 12115, Parklawn Drive, Suite K, Rockville, MD 20852, USA, Tel: +1 301 984 0185, Fax: +1 301 984 0186, E-mail: info@intradigm.com, Website: http://www.intradigm.com
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Publication date: 22 Jan 2004 Availability: Maxim Pharmaceuticals, 8899, University Center Lane, Suite 400, San Diego, CA 92122, USA, Tel: +1 858 453 4040, Website: http://www.maxim.com
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Pang, Ronald T. K. (Centre for Emerging Infectious Diseases, Chinese University of Hong Kong, Prince of Wales Hospital, Shatin, N.T., Hong Kong); Poon, Terence C. W.; Chan, K. C. Allen; Lee, Nelson L. S.; Chiu, Rossa W. K.; Tong, Yu-Kwan; Chim, Stephen S. C.; Sung, Joseph J. Y.; Lo, Y. M. Dennis Source: Clinical Chemistry, v 52, n 6, p 1202-1204, June 2006

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Babcock, John S.; Prabhakar, Bellur S.; Coughlin, Melissa Assignee: Amgen, Inc. Publication Number: US7728110

Publication date: 06/01/2010 Kind: Patent

Database: US Patents

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TAN, Emily Li Chuan 52 Bukit Batok East Avenue; STANTON, Lawrence W. Assignee: Genome Institute of Singapore

Publication Number: EP1641485 Publication date: 04/05/2006 Kind: Application with Search Report

Database: EP Patents

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TER MEULEN, Jan, Henrik; DE KRUIF, Cornelis Adriaan; VAN DEN BRINK, Edward Norbert; GOUDSMIT, Jaap Assignee: Crucell Holland B.V. Publication Number: EP1644414 Publication date: 01/14/2015 Kind: Patent

Database: EP Patents

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Guan, Y. (Department of Microbiology, University of Hong Kong, Queen Mary Hospital, Hong Kong Spec. Admin. Reg. (S.A.R.), Hong Kong); B.J., Zheng; Y.Q., He; X.L., Liu; Z.X., Zhuang; C.L., Cheung; S.W., Luo; P.H., Li; L.J., Zhang; Y.J., Guan; K.M., Butt; K.L., Wong; K.W., Chan; W., Lim; K.F., Shortridge; K.Y., Yuen; J.S.M., Peiris; L.L.M., Poon Source: Science, v 302, n 5643, p 276-278, October 10, 2003 Database: Chimica Compilation and indexing terms, Copyright 2020 Elsevier Inc. Data Provider: Engineering Village

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HAN, Ho-Seong; KIM, Sang Tae Assignee: SEOUL NATIONAL UNIVERSITY BUNDANG HOSPITAL Publication Number: WO2017078421 Publication date: 05/11/2017 Kind: Patent Application Publication
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PARK, Hae-Joon; HA, Young-Ju; KIM, Mee-Hyein. Assignee: MOGAM BIOTECHNOLOGY INSTITUTE; PARK, Hae-Joon; HA, Young-Ju; KIM, Mee-Hyein. Publication Number: WO2006022459 Publication date: 03/02/2006 Kind: Patent Application Publication
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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
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Meher, Geetanjali (School of Chemistry, Sambalpur University, Jyoti Vihar, Burla, Odisha; 768 019, India); Bhattacharjya, Surajit; Chakraborty, Hirak Source: Journal of Physical Chemistry B, v 123, n 50, p 10654-10662, December 19, 2019
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Hsu, You-Ren (Institute of Nanoengineering and Microsystems, National Tsing Hua University, Hsinchu, 300, Taiwan); Lee, Geng-Yen; Chyi, Jen-Inn; Chang, Chung-Ke; Huang, Chih-Cheng; Hsu, Chen-Pin; Huang, Tai-Huang; Ren, Fan; Wang, Yu-Lin  
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Wang, X.W. (Institute of Hygiene and Environmental Medicine, Academy of Military Medical Sciences, 1 Da Li Road, Tianjin 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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Poon, Leo L.M. (Department of Microbiology, Queen Mary Hospital, University of Hong Kong, Hong Kong); Leung, Cynthia S.W.; Tashiro, Masato; Chan, Kwok Hung; Wong, Bonnie W.Y.; Yuen, Kwok Yung; Guan, Yi; Peiris, Joseph S.M. Source: Clinical Chemistry, v 50, n 6, p 1050-1052, June 2004

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Tao, Shengce (Lab. of Biomembrane, Dept. of Biol. Sci., Tsinghua Univ., Beijing 100084, China); Yang, Renquan; Li, Ze; Zhang, Zhiwei; Zhou, Yiming; Zhang, Qiong; Zhu, Peixuan; Du, Jianyu; Zhao, Chuanzan; Ma, Qingmei; Ren, Lili; Wang, Can; Jiang, Di; Liu, Yanhua; Yang, Huawei; Rong, Li; An, Shuang; Li, Zhe; Wang, Jianwei; Cheng, Yun; Liu, Ou; Zheng, Zhong; Zuo, Juancong; Shan, Quanzhong; Ruan, Li; Lu, Zhanxiu; Hong, Tao; Cheng, Jing Source: Qinghua Daxue Xuebao/Journal of Tsinghua University, v 43, n 5, p 715-720, May 2003 Language: Chinese

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Ge, Jinying (National Key Laboratory of Veterinary Biotechnology, Harbin Veterinary Research Institute, Chinese Academy of Agricultural Science, Harbin 150001, China); Wen, Zhiyun; Wang, Xijun; Hu, Sen; Liu, Yonggang; Kong, Xiangang; Chen, Hualan; Bu, Zhigao Source: Annals of the New York Academy of Sciences, v 1081, p 246-248, October 2006, Impact of Emerging Zoonotic Diseases on Animal Health: 8th Biennial Conference of the Society for Tropical Veterinary Medicine

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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

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JIANG, Shibo; HE, Yuxian Assignee: NEW YORK BLOOD CENTER; JIANG, Shibo; HE, Yuxian Publication Number: WO2006086561 Publication date: 04/23/2009 Kind: PUBL. OF SEARCH REPORT

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JIANG, Shibo; HE, Yuxian Assignee: NEW YORK BLOOD CENTER; JIANG, Shibo; HE, Yuxian Publication Number: WO2006086561 Publication date: 08/17/2006 Kind: Patent Application Publication(Republication)

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Li, Chunmei (Beijing National Laboratory for Molecular Science, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, China); Qi, Yifei; Teng, Xin; Yang, Zongchang; Wei, Ping; Zhang, Changsheng; Tan, Lei; Zhou, Lu; Liu, Ying; Lai, Luhua Source: Journal of Biological Chemistry, v 285, n 36, p 28134-28140, September 3, 2010
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BROWNLIE, John, Royal veterinary college; CHALKER, Victoria, Jane, Royal veterinary college; ERLES, Kerstin, Royal veterinary college Assignee: The Royal Veterinary College Publication Number: EP1525313 Publication date: 04/27/2005 Kind: APPLICATION WITH SEARCH REPORT
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Brownlie, John; Chalker, Victoria Jane; Erles, Kerstin Assignee: The Royal Veterinary College Publication Number: US7776340 Publication date: 08/17/2010 Kind: Patent
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GRAHAM, Barney; KONG, Wing-pui; MODJARRAD, Kayvon; WANG, Lingshu; SHI, Wei; JOYCE, Michael, Gordon; KANEKIYO, Masaru; MASCOLA, John Assignee: The United States of America, as represented by The Secretary, Department of Health and Human Services Publication Number: EP3261665 Publication date: 01/03/2018 Kind: Patent Application Publication Database: EP Patents Compilation and indexing terms, 2020 LexisNexis Univentio B.V. Data Provider: Engineering Village

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Graham, Barney; Kong, Wing-Pui; Modjarrad, Kayvon; Wang, Lingshu; Shi, Wei; Joyce, Michael Gordon; Kanekiyo, Masaru; Mascola, John Assignee: The United States of America, as represented by the Secretary, Department of Health and Human Services Publication Number: US10301377 Publication date: 05/28/2019 Kind: Patent Database: US Patents Compilation and indexing terms, 2020 LexisNexis Univentio B.V. Data Provider: Engineering Village

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REN, Ee Chee; HIBBERD, Martin, L.; NG, Lisa Fong Poh
Assignee: GENOME INSTITUTE OF SINGAPORE
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Graham, Barney; Kong, Wing-Pui; Modjarrad, Kayvon; Wang, Lingshu; Shi, Wei; Joyce, Michael Gordon; Kanekiy, Masaru; Mascola, John
Assignee: The United States of America, as Represented by the Secretary, Dept. of Health and Human Services
Publication Number: US20180244756 Publication date: 08/30/2018 Kind: Patent Application
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Ge, Xing-Yi (State Key Laboratory of Virology, Center for Emerging Infectious Diseases, Wuhan Institute of Virology, Wuhan 430071, China); Li, Jia-Lu; Yang, Xing-Lou; Chmura, Aleksei A.; Zhu, Guangjian; Epstein, Jonathan H.; Mazet, Jonna K.; Hu, Ben; Zhang, Wei; Peng, Cheng; Zhang, Yu-Ji; Luo, Chu-Ming; Tan, Bing; Wang, Ning; Zhu, Yan; Cramer, Gary; Zhang, Shu-Yi; Wang, Lin-Fa; Daszak, Peter; Shi, Zheng-Li Source: Nature, v 503, n 7477, p 535-538, 2013
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Hibberd, Martin L.; Poh Ng, Lisa Fong; Ren, Ee Chee
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Chu, Hin (Departments of Microbiology, Queen Mary Hospital, 102 Pokfulam Rd., Pokfulam, Hong Kong); Chan, Che-Man; Zhang, Xi; Wang, Yixin; Yuan, Shuoleng; 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, 2018

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Marra, Marco A. (Brit. Columbia Cancer Agency (BCCA), Genome Sciences Centre, 600 West 10th Avenue, Vancouver, BC V5Z 4E6, Canada); Jones, Steven J. M.; Astell, Caroline R.; Holt, Robert A.; Brooks-Wilson, Angela; Butterfield, Yaron S. N.; Khattra, Jaswinder; Asano, Jennifer K.; Barber, Sarah A.; Chan, Susanna Y.; Cloutier, Alison; Coughlin, Shaun M.; Freeman, Doug; Giri, Noreen; Griffith, Obi L.; Leach, Stephen R.; Mayo, Michael; McDonald, Helen; Montgomery, Stephen B.; Pandoh, Pawan K.; Petrescu, Anca S.; Robertson, A. Gordon; Schein, Jacqueline E.; Siddiqui, Asim; Smallos, Duane E.; Stott, Jeff M.; Yang, George S.; Plummer, Francis; Andonov, Anton; Artsob, Harvey; Bastien, Nathalie; Bernard, Cathy; Booth, Timothy F.; Bowness, Donnie; Czub, Martin; Drebout, Michael; Fernado, Lisa; Flickr, Ramon; Garbutt, Michael; Gray, Michael; Grolla, Allen; Jones, Steven; Feldman, Heinz; Meyers, Adrienne; Kabani, Amin; Li, Yan; Normand, Susan; Stroher, Ute; Tipples, Graham A.; Tyler, Shaon; Vogrig, Robert; Ward, Diane; Watson, Brynn; Brunham, Robert C.; Krajev, Mel; Petric, Martin; Skowronski, Danuta M.; Upton, Chris; Roper, Rachel L. Source: Science, v 300, n 5624, p 1399-1404, May 30, 2003

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Zhou, Jie (State Key Laboratory of Emerging Infectious Diseases, University of Hong Kong, Hong Kong, China); Li, Cun; Zhao, Guangyu; Chu, Hin; Wang, Dong; Yan, Helen Hoi-Ning; Poon, Vincent Kwok-Man; Wen, Lei; Wong, Bosco Ho-Yin; Zhao, Xiaoyu; Chu, Man Chun; Yang, Dong; Wang, Yixin; Au-Yeung, Rex K. H.; Chan, Ivy Hau-Yee; Sun, Shihui; Chan, Jasper Fuk-Woo; To, Kelvin Kai-Wang; Memish, Ziad A.; Corman, Victor M.; Drosten, Christian; Hung, Ivan Fan-Ngai; Zhou, Yusen; Leung, Suet Yi; Yuen, Kwok-Yung Source: Science Advances, v 3, n 11, 2017

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Xu, Wen-Ge (China Inst. of Atomic Energy, P.O. Box 275-39, Beijing 102413, China); Liu, Yi-Bing; Han, Shi-Quan; Hu, Yi-Ding; Luo, Zhi-Fu Source: Yuanzineng Kexue Jishu/Atomic Energy Science and Technology, v 39, n 2, p 101-105, March 2005 Language: Chinese

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470. COMPOSITIONS AND METHODS FOR DETECTING SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS

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Scholl David R; Jollick Joseph D; Gillim-Ross Laura; Taylor Jill; Wentworth David E Assignee: Diagnostic Hybrids Inc; Health Research Inc; Scholl David R; Jollick Joseph D; Gillim-Ross Laura; Taylor Jill; Wentworth David E Publication Number: WO2005042767 Publication date: 05/12/2005 Kind: Patent Application Publication (Republication) Database: WO Patents
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Wentworth, David E.; Taylor, Jill; Gillim-Ross, Laura; Scholl, David R.; Jollick, Joseph D. Assignee: Health Research Incorporated; Diagnostic Hybrids, Inc. Publication Number: US7129042 Publication date: 10/31/2006 Kind: Utility Patent Grant (with pre-grant publication) Database: US Patents
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Ren, Ee Chee; Hibberd, Martin L.; Ng, Lisa Fong Poh Assignee: Genome Institute of Singapore Publication Number: US7527926 Publication date: 05/05/2009 Kind: Patent Database: US Patents
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Tanner, Julian A. (Department of Biochemistry, Faculty of Medicine, University of Hong Kong, Pokfulam, Hong Kong S. A. R., Hong Kong); Watt, Rory M.; Chai, Yu-Bo; Lu, Lin-Yu; Lin, Marie C.; Peiris, J.S. Malik; Poon, Leo L. M.; Kung, Hsiang-Fu; Huang, Jian-Dong Source: Journal of Biological Chemistry, v 278, n 41, p 39578-39582, October 10, 2003

Database: Compendex
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478. Detection of feline coronavirus using microcantilever sensors


Database: Inspec
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479. Isolation and characterization of viruses related to the SARS coronavirus from animals in Southern China

Guan, Y. (Department of Microbiology, University of Hong Kong, Queen Mary Hospital, Hong Kong Spec. Admin. Reg. (S.A.R.), Hong Kong); Zheng, B.J.; He, Y.Q.; Liu, X.L.; Zhuan, Z.X.; Cheung, C.L.; Luo, S.W.; Li, P.H.; Zhang, L.J.; Guan, Y.J.; Butt, K.M.; Wong, K.L.; Chan, K.W.; Lim, W.; Shortridge, K.F.; Yuen, K.Y.; Peiris, J.S.M.; Poon, L.L.M.

Source: Science, v 302, n 5643, p 276-278, October 10, 2003

Database: GEOBASE
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Nollens, Hendrik H. (Marine Mammal Health Program, College of Veterinary Medicine, University of Florida, Gainesville, FL 32610, United States); Wellehan, James F. X.; Archer, Linda; Lowenstine, Linda J.; Gulland, Frances M. D. Source: Diseases of Aquatic Organisms, v 90, n 2, p 113-120, June 11, 2010

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Database: Compendex
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482. 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
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483. 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; M., Al-Nazawi
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McIntosh, Kenneth (Department of Pediatrics, Children's Hospital, Harvard Medical School, Boston, MA 02115, United States) Source: Clinical Chemistry, v 49, n 6, p 845-846, June 1, 2003
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485. Novel system for detecting SARS coronavirus nucleocapsid protein using an ssDNA aptamer

Cho, Seong-Je (Department of Bio and Nanochemistry, Kookmin University, Seoul 136-702, Korea, Republic of); Woo, Hye-Min; Kim, Ki-Sun; Oh, Jong-Won; Jeong, Yong-Joo Source: Journal of Bioscience and Bioengineering, v 112, n 6, p 535-540, December 2011
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Database: Inspec
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Zhou, Xiaomian (Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian 116023, China); Liu, Dayu; Zhong, Runtao; Dai, Zhongpeng; Wu, Dapeng; Wang, Hui; Du, Yuguang; Xia, Zhanan; Zhang, Liping; Mei, Xiaodai; Lin, Bingcheng Source: Electrophoresis, v 25, n 17, p 3032-3039, September 2004
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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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489. **Coronavirus Nsp10, a critical co-factor for activation of multiple replicative enzymes**  
(Open Access)

Bouvet, Mickaël (Aix-Marseille Université, AFMB UMR 7257, Marseille; 13288, France); Lugari, Adrien; Posthuma, Clara C.; Zevenhoven, Jessika C.; Bernard, Stéphanie; Betzi, Stéphanie; Imbert, Isabelle; Canard, Bruno; Guillemot, Jean-Claude; Lécine, Patrick; Pfefferle, Susanne; Drosten, Christian; Snijder, Eric J.; Decroly, Etienne; Morelli, Xavier

Source: *Journal of Biological Chemistry*, v 289, n 37, p 25783-25796, September 12, 2014

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Marra, Marco A. (Brit. Columbia Cancer Agency (BCCA), Genome Sciences Centre, 600 West 10th Avenue, Vancouver, BC V5Z 4E6, Canada); Jones, Steven J. M.; Astell, Caroline R.; Holt, Robert A.; Brooks-Wilson, Angela; Butterfield, Yaron S. N.; Khattra, Jaswinder; Asano, Jennifer K.; Barber, Sarah A.; Chan, Susanna Y.; Cloutier, Alison; Coughlin, Shaun M.; Freeman, Doug; Girn, Noreen; Griffin, Obi L.; Leach, Stephen R.; Mayo, Michael; McDonald, Helen; Montgomery, Stephen B.; Pandoh, Pawan K.; Petrescu, Anca S.; Robertson, A. Gordon; Schein, Jacqueline E.; Siddiqui, Asim; Smailus, Duane E.; Stott, Jeff M.; Yang, George S.; Plummer, Francis; Andonov, Anton; Artso, Harvey; Bastien, Nathalie; Bernard, Kathy; Booth, Timothy F.; Bowness, Donnie; Czub, Martin; Drebot, Michael; Fernandez, Lisa; Flick, Ramon; Garbutt, Michael; Gray, Michael; Grolla, Allen; Jones, Steven; Feldmann, Heinz; Meyers, Adrienne; Kabani, Amin; Li, Yan; Normand, Susan; Stroher, Ute; Tipples, Graham A.; Tyler, Shaun; Vogrig, Robert; Ward, Diane; Watson, Brynn; Brunham, Robert C.; Krajden, Mel; Petric, Martin; Skowronski, Danuta M.; Upton, Chris; Roper, Rachel L. **Source:** *Science*, v 300, n 5624, p 1399-1404, May 30, 2003

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(Improvements in the diagnostics of human coronavirus infections. Final report)

Siddell, S.G. (Wuerzburg Univ. (DE). Inst. fuer Virologie und Immunbiologie.), 22p, 1993 **Language:** German

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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

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HAAGMANS, Bartholomeus, Leonardus; KUIKEN, Thijs; FOUCHIER, Ronaldus, Adrianus, Maria; OSTERHAUS, Albertus, Dominicus, Marcellinus, Erasmus **Assignee:** VIRONOVATIVE B.V. **Publication Number:** WO2004089983

Publication date: 01/20/2005 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

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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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495. PEPTIDES AND MIXTURES THEREOF FOR USE IN THE DETECTION OF SEVERE ACUTE RESPIRATORY SYNDROME-ASSOCIATED CORONAVIRUS (SARS)
HOUDE, Michel; LACROIX, Jean-Michel Assignee: ADALTIS INC. Publication Number: WO2004099240 Publication date: 05/19/2005
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
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HOUDE, Michel; LACROIX, Jean-Michel Assignee: ADALTIS INC. Publication Number: WO2004099240 Publication date: 03/24/2005 Kind: PUBL. OF SEARCH REPORT
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HOUDE MICHEL; LACROIX JEAN-MICHEL Assignee: ADALTIS INC; HOUDE MICHEL; LACROIX JEAN-MICHEL Publication Number: WO2004099240 Publication date: 05/19/2005 Kind: Patent
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Ahn, Dae-Gyun (Department of Biotechnology, Yonsei University, Seoul 120-749, Korea, Republic of); Jeon, Il-Ji; Kim, Jung Dong; Song, Min-Sun; Han, Seung-Ryul; Lee, Seong-Wook; Jung, Hyungil; Oh, Jong-Won Source: Analyst, v 134, n 9, p 1896-1901, 2009
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Lacroix, Jena-Michel; Houde, Michel

Publication Number: US20060263765
Publication date: 11/23/2006
Database: US Patents
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