

Artículos científicos publicados en Medline

Filters activated: Publication date from 2020/06/09 to 2020/06/15. "Vaccine" (Mesh)

358 Resultados

1. [A compendium answering 150 questions on COVID-19 and SARS-CoV-2.](#)

Riggioni C, Comberiati P, Giovannini M, Agache I, Akdis M, Alves-Correia M, Antó JM, Arcolaci A, Kursat Azkur A, Azkur D, Beken B, Boccabella C, Bousquet J, Breiteneder H, Carvalho D, De Las Vecillas L, Diamant Z, Eguiluz-Gracia I, Eiwegger T, Eyerich S, Fokkens W, Gao YD, Hannachi F, Johnston SL, Jutel M, Karavelia A, Klimek L, Moya B, Nadeau K, O'Hehir R, O'Mahony L, Pfaar O, Sanak M, Schwarze J, Sokolowska M, Torres MJ, van de Veen W, van Zelm MC, Wang Y, Zhang L, Jiménez-Saiz R, Akdis CA. Allergy. 2020 Jun 14. doi: 10.1111/all.14449. Online ahead of print.

PMID: 32535955

2. [Telbivudine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000804

3. [Entecavir.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000803

4. [Demystifying BCG Vaccine and COVID-19 Relationship.](#)

Kumar J, Meena J. Indian Pediatr. 2020 Jun 15;57(6):588-589. Epub 2020 Apr 30.

PMID: 32358227

5. [Lamivudine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000596

6. [Emtricitabine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000608

7. [Individualizing risk prediction for positive COVID-19 testing: results from 11,672 patients.](#)

Jehi L, Ji X, Milinovich A, Erzurum S, Rubin B, Gordon S, Young J, Kattan MW. Chest. 2020 Jun 10:S0012-3692(20)31654-8. doi: 10.1016/j.chest.2020.05.580. Online ahead of print.

PMID: 32533957

8. [Tenofvir.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000609

9. [Rubella Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000156

10. [Adefovir.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000802

11. [Diphtheria-Tetanus-Pertussis Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 29999632

12. [Measles-Mumps-Rubella-Varicella Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000747

13. [The future of vaccine development.](#)

Koff WC, Schenkelberg T. Vaccine. 2020 Jun 9;38(28):4485-4486. doi: 10.1016/j.vaccine.2019.07.101. Epub 2019 Aug 20.

PMID: 31443989

14. [Yellow Fever Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000198

15. [Early Impact of 13-Valent Pneumococcal Conjugate Vaccine Use on Invasive Pneumococcal Disease Among Adults With and Without Underlying Medical Conditions-United States.](#)

Ahmed SS, Pondo T, Xing W, McGee L, Farley M, Schaffner W, Thomas A, Reingold A, Harrison LH, Lynfield R, Rowlands J, Bennett N, Petit S, Barnes M, Smelser C, Beall B, Whitney CG, Pilishvili T. Clin Infect Dis. 2020 Jun 10;70(12):2484-2492. doi: 10.1093/cid/ciz739.
PMID: 31402387

16. [A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2.](#)

Wu Y, Wang F, Shen C, Peng W, Li D, Zhao C, Li Z, Li S, Bi Y, Yang Y, Gong Y, Xiao H, Fan Z, Tan S, Wu G, Tan W, Lu X, Fan C, Wang Q, Liu Y, Zhang C, Qi J, Gao GF, Gao F, Liu L. Science. 2020 Jun 12;368(6496):1274-1278. doi: 10.1126/science.abc2241. Epub 2020 May 13.
PMID: 32404477

17. [Smallpox Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.
PMID: 30000158

18. [Influenza Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.
PMID: 30000049

19. [BCG Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.
PMID: 30000153

20. [Anthrax Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.
PMID: 30000064

21. [Human Papillomavirus Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.
PMID: 30000765

22. [Adenovirus Type 4 and Type 7 Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000974

23. [Varicella Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000193

24. [Rabies Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–. PMID: 30000149

25. [Cholera Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000632

26. [Typhoid Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000191

27. [Causes and Clinical Features of Childhood Encephalitis: A Multicenter, Prospective Cohort Study.](#)

Britton PN, Dale RC, Blyth CC, Clark JE, Crawford N, Marshall H, Elliott EJ, Macartney K, Booy R, Jones CA. Clin Infect Dis. 2020 Jun 10;70(12):2517-2526. doi: 10.1093/cid/ciz685.

PMID: 31549170

28. [H₂S as a potential defence against COVID-19?](#)

Yang G. Am J Physiol Cell Physiol. 2020 Jun 9. doi: 10.1152/ajpcell.00187.2020. Online ahead of print. PMID: 32515982

29. [Vaccination strategies to combat novel corona virus SARS-CoV-2.](#)

Pandey SC, Pande V, Sati D, Upreti S, Samant M. Life Sci. 2020 Jun 12;256:117956. doi: 10.1016/j.lfs.2020.117956. Online ahead of print.

PMID: 32535078

30. [Poliovirus Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006–.

PMID: 30000133

31. [Safety, tolerability, and immunogenicity of a recombinant adenovirus type-5 vectored COVID-19 vaccine: a dose-escalation, open-label, non-randomised, first-in-human trial.](#)

Zhu FC, Li YH, Guan XH, Hou LH, Wang WJ, Li JX, Wu SP, Wang BS, Wang Z, Wang L, Jia SY, Jiang HD, Wang L, Jiang T, Hu Y, Gou JB, Xu SB, Xu JJ, Wang XW, Wang W, Chen W. Lancet. 2020 Jun 13;395(10240):1845-1854. doi: 10.1016/S0140-6736(20)31208-3. Epub 2020 May 22. PMID: 32450106

32. [Early experience with convalescent plasma as immunotherapy for COVID-19 in China: Knowns and unknowns.](#)

Chen B, Xia R. Vox Sang. 2020 Jun 9;10.1111/vox.12968. doi: 10.1111/vox.12968. Online ahead of print. PMID: 32516839

33. [Measles-Mumps-Rubella Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. PMID: 30000093

34. [Development and serology based efficacy assessment of a trivalent foot-and-mouth disease vaccine.](#)

Al Amin M, Ali MR, Islam MR, Alam ASMRU, Shill DK, Rahman MS, Siddique MA, Sultana M, Hossain MA. Vaccine. 2020 Jun 10:S0264-410X(20)30734-9. doi: 10.1016/j.vaccine.2020.05.079. Online ahead of print. PMID: 32535015

35. [Immunogenicity, safety and reactogenicity of a Phase II trial of Vi-DT typhoid conjugate vaccine in healthy Filipino infants and toddlers: A preliminary report.](#)

Capeding MR, Alberto E, Sil A, Saluja T, Teshome S, Kim DR, Park JY, Yang JS, Chinaworapong S, Park J, Jo SK, Chon Y, Yang SY, Ham DS, Ryu JH, Lynch J, Kim JH, Kim H, Excler JL, Wartel TA, Sahastrabuddhe S. Vaccine. 2020 Jun 9;38(28):4476-4483. doi: 10.1016/j.vaccine.2019.09.074. Epub 2019 Oct 1. PMID: 31585725

36. [Hepatitis A Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. PMID: 29999991

37. [Considering how biological sex impacts immune responses and COVID-19 outcomes.](#)

Scully EP, Haverfield J, Ursin RL, Tannenbaum C, Klein SL. Nat Rev Immunol. 2020 Jun 11:1-6. doi: 10.1038/s41577-020-0348-8. Online ahead of print. PMID: 32528136

38. [Review on the clinical pharmacology of hydroxychloroquine sulfate for the treatment of COVID-19.](#)

Cui C, Tu S, En VSJ, Li X, Yao X, Li H, Liu D. Curr Drug Metab. 2020 Jun 10. doi: 10.2174/1389200221666200610172929. Online ahead of print. PMID: 32520683

39. [Toxin A-Predominant Pathogenic Clostridioides difficile: A Novel Clinical Phenotype.](#)

Lin Q, Pollock NR, Banz A, Lantz A, Xu H, Gu L, Gerding DN, Garey KW, Gonzales-Luna AJ, Zhao M, Song L, Duffy DC, Kelly CP, Chen X. Clin Infect Dis. 2020 Jun 10;70(12):2628-2633. doi: 10.1093/cid/ciz727. PMID: 31400280

40. [The role of extracellular vesicles in COVID-19 virus infection.](#)

Hassanpour M, Rezaie J, Nouri M, Panahi Y. Infect Genet Evol. 2020 Jun 13;85:104422. doi: 10.1016/j.meegid.2020.104422. Online ahead of print. PMID: 32544615

41. [Pneumococcal Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. PMID: 30000132

42. [Meningococcal Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. PMID: 30000073

43. [Live-Attenuated Respiratory Syncytial Virus Vaccine With M2-2 Deletion and With Small Hydrophobic Noncoding Region Is Highly Immunogenic in Children.](#)

McFarland EJ, Karron RA, Muresan P, Cunningham CK, Perlowski C, Libous J, Oliva J, Jean-Philippe P, Moye J, Schappell E, Barr E, Rexroad V, Fearn L, Cielo M, Wiznia A, Deville JG, Yang L, Luongo C, Collins PL, Buchholz UJ. J Infect Dis. 2020 Jun 11;221(12):2050-2059. doi: 10.1093/infdis/jiaa049. PMID: 32006006

44. [Barriers and facilitators to HPV vaccine uptake among US rural populations: a scoping review.](#)

Peterson CE, Silva A, Holt HK, Balanean A, Goben AH, Dykens JA. Cancer Causes Control. 2020 Jun 14. doi: 10.1007/s10552-020-01323-y. Online ahead of print. PMID: 32537702

45. [Ebola virus glycoprotein stimulates IL-18-dependent natural killer cell responses.](#)

Wagstaffe HR, Clutterbuck EA, Bockstal V, Stoop JN, Luhn K, Douoguih M, Shukarev G, Snape MD, Pollard AJ, Riley EM, Goodier MR. J Clin Invest. 2020 Jun 15:132438. doi: 10.1172/JCI132438. Online ahead of print. PMID: 32315287
Free article.

46. [Zoster Vaccine Live.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. PMID: 30000567

47. [Exosomes: From garbage bins to translational medicine.](#)
Liu Y, Wang Y, Lv Q, Li X. Int J Pharm. 2020 Jun 15;583:119333. doi: 10.1016/j.ijpharm.2020.119333. Epub 2020 Apr 26.
PMID: 32348800
48. [Costing oral cholera vaccine delivery using a generic oral cholera vaccine delivery planning and costing tool \(CholTool\).](#)
Morgan W, Levin A, Hutubessy RC, Mogasale V. Hum Vaccin Immunother. 2020 Jun 12:1-8. doi: 10.1080/21645515.2020.1747930. Online ahead of print.
PMID: 32530361
49. [Natural Products as Potential Leads Against Coronaviruses: Could They be Encouraging Structural Models Against SARS-CoV-2?](#)
Orhan IE, Senol Deniz FS. Nat Prod Bioprospect. 2020 Jun 11:1-16. doi: 10.1007/s13659-020-00250-4. Online ahead of print.
PMID: 32529545
50. [Opportunities for an atherosclerosis vaccine: From mice to humans.](#)
Roy P, Ali AJ, Kobiyama K, Ghosheh Y, Ley K. Vaccine. 2020 Jun 9;38(28):4495-4506. doi: 10.1016/j.vaccine.2019.12.039. Epub 2020 Jan 19.
PMID: 31964554
51. [Patchless administration of canine influenza vaccine on dog's ear using insertion-responsive microneedles \(IRMN\) without removal of hair and its in vivo efficacy evaluation.](#)
Choi IJ, Na W, Kang A, Ahn MH, Yeom M, Kim HO, Lim JW, Choi SO, Baek SK, Song D, Park JH. Eur J Pharm Biopharm. 2020 Jun 13;153:150-7. doi: 10.1016/j.ejpb.2020.06.006. Online ahead of print.
PMID: 32544527
52. [Hepatitis B Vaccine.](#)
2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-.
PMID: 30000002
53. [Development and Challenges in Animal Tuberculosis Vaccination.](#)
Balseiro A, Thomas J, Gortázar C, Rialde MA. Pathogens. 2020 Jun 15;9(6):E472. doi: 10.3390/pathogens9060472.
PMID: 32549360
54. [Malaria vaccines since 2000: progress, priorities, products.](#)
Duffy PE, Patrick Gorres J. NPJ Vaccines. 2020 Jun 9;5:48. doi: 10.1038/s41541-020-0196-3. eCollection 2020.
PMID: 32566259

55. [\[High-dose trivalent influenza vaccine. Efficacy and effectiveness\]](#).

Gil de Miguel A, Redondo Marguello E, Díez Domingo J, Ortiz de Lejarazu R, Martínón Torres F. Rev Esp Quimioter. 2020 Jun 9:gil09jun2020. doi: 10.37201/req/043.2020. Online ahead of print.
PMID: 32515178

56. [Overview of lethal human coronaviruses.](#)

Chen B, Tian EK, He B, Tian L, Han R, Wang S, Xiang Q, Zhang S, El Arnaout T, Cheng W. Version 2. Signal Transduct Target Ther. 2020 Jun 10;5(1):89. doi: 10.1038/s41392-020-0190-2.
PMID: 32533062

57. [Safety and immunogenicity of a recombinant vaccine against Trypanosoma cruzi in Rhesus macaques.](#)

Dumonteil E, Herrera C, Tu W, Goff K, Fahlberg M, Haupt E, Kaur A, Marx PA, Ortega-Lopez J, Hotez PJ, Bottazzi ME. Vaccine. 2020 Jun 15;38(29):4584-4591. doi: 10.1016/j.vaccine.2020.05.010. Epub 2020 May 13.
PMID: 32417142

58. [Tracking the immune response with single-cell genomics.](#)

Yost KE, Chang HY, Satpathy AT. Vaccine. 2020 Jun 9;38(28):4487-4490. doi: 10.1016/j.vaccine.2019.11.035. Epub 2019 Dec 16.
PMID: 31859202

59. [Recent progress of graphene oxide as a potential vaccine carrier and adjuvant.](#)

Cao W, He L, Cao W, Huang X, Jia K, Dai J. Acta Biomater. 2020 Jun 10:S1742-7061(20)30330-5. doi: 10.1016/j.actbio.2020.06.009. Online ahead of print.
PMID: 32531395

60. [Haemophilus Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-.
PMID: 29999947

61. [Recent progress of graphene oxide as a potential vaccine carrier and adjuvant.](#)

Cao W, He L, Cao W, Huang X, Jia K, Dai J. Acta Biomater. 2020 Jun 10:S1742-7061(20)30330-5. doi: 10.1016/j.actbio.2020.06.009. Online ahead of print.
PMID: 32531395

62. [Haemophilus Vaccines.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-.
PMID: 29999947

63. [Immune Responses to SARS-CoV, MERS-CoV and SARS-CoV-2.](#)

İnandıkıoğlu N, Akkoc T. Adv Exp Med Biol. 2020 Jun 9. doi: 10.1007/5584_2020_549. Online ahead of print. PMID: 32514817

64. [Possible therapeutic agents for COVID-19: a comprehensive review.](#)

Elhusseiny KM, Abd-Elshahed Abd-Elhay F, Kamel MG. Expert Rev Anti Infect Ther. 2020 Jun 13. doi: 10.1080/14787210.2020.1782742. Online ahead of print. PMID: 32538209

65. [Gonococcal vaccines: Public health value and preferred product characteristics; report of a WHO global stakeholder consultation, January 2019.](#)

Gottlieb SL, Ndowa F, Hook EW 3rd, Deal C, Bachmann L, Abu-Raddad L, Chen XS, Jerse A, Low N, MacLennan CA, Petousis-Harris H, Seib KL, Unemo M, Vincent L, Giersing BK; Gonococcal Vaccine PPC Expert Advisory Group. Vaccine. 2020 Jun 9;38(28):4362-4373. doi: 10.1016/j.vaccine.2020.02.073. Epub 2020 Apr 28. PMID: 32359875

66. [Immune Response to Herpes Simplex Virus Infection and Vaccine Development.](#)

Ike AC, Onu CJ, Ononugbo CM, Reward EE, Muo SO. Vaccines (Basel). 2020 Jun 12;8(2):E302. doi: 10.3390/vaccines8020302. PMID: 32545507

67. [Japanese Encephalitis Vaccine.](#)

2020 Jun 15. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. PMID: 30000055

68. [Viral Shedding in Recipients of Live Attenuated Influenza Vaccine in the 2016-2017 and 2017-2018 Influenza Seasons in the United Kingdom.](#)

Jackson D, Pitcher M, Hudson C, Andrews N, Southern J, Ellis J, Höschler K, Pebody R, Turner PJ, Miller E, Zambon M. Clin Infect Dis. 2020 Jun 10;70(12):2505-2513. doi: 10.1093/cid/ciz719. PMID: 31642899

69. [Parental Hesitancy About Routine Childhood and Influenza Vaccinations: A National Survey.](#)

Kempe A, Saville AW, Albertin C, Zimet G, Breck A, Helmkamp L, Vangala S, Dickinson LM, Rand C, Humiston S, Szilagyi PG. Pediatrics. 2020 Jun 15:e20193852. doi: 10.1542/peds.2019-3852. Online ahead of print. PMID: 32540985

70. [Long-term Impact of Pneumococcal Conjugate Vaccines on Invasive Disease and Pneumonia Hospitalizations in Indigenous and Non-Indigenous Australians.](#)

Meder KN, Jayasinghe S, Beard F, Dey A, Kirk M, Cook H, Strachan J, Sintchenko V, Smith H, Giele C, Howden B, Krause V, McIntyre P. Clin Infect Dis. 2020 Jun 10;70(12):2607-2615. doi: 10.1093/cid/ciz731. PMID: 31388670

71. [Exploiting Preexisting Immunity to Enhance Oncolytic Cancer Immunotherapy.](#)

Tähtinen S, Feola S, Capasso C, Laustio N, Groeneveldt C, Ylösmäki EO, Ylösmäki L, Martins B, Fucciello M, Medeot M, Tagliamonte M, Chiaro J, Hamdan F, Peltonen K, Ranki T, Buonaguro L, Cerullo V. Cancer Res. 2020 Jun 15;80(12):2575-2585. doi: 10.1158/0008-5472.CAN-19-2062. Epub 2020 Feb 27. PMID: 32107211

72. [The starting line for COVID-19 vaccine development.](#)

Lee N, McGeer A. Lancet. 2020 Jun 13;395(10240):1815-1816. doi: 10.1016/S0140-6736(20)31239-3. Epub 2020 May 28. PMID: 32473680

73. [From bad to worse: The representation of the HPV vaccine Facebook.](#)

Luisi MLR. Vaccine. 2020 Jun 15;38(29):4564-4573. doi: 10.1016/j.vaccine.2020.05.016. Epub 2020 May 13. PMID: 32417141

74. [The contagious nature of a vaccine scare: How the introduction of HPV vaccination lifted and eroded MMR vaccination in Denmark.](#)

Gørtz M, Brewer NT, Hansen PR, Ejrnæs M. Vaccine. 2020 Jun 9;38(28):4432-4439. doi: 10.1016/j.vaccine.2020.04.055. Epub 2020 May 15. PMID: 32418796

75. [Metabolic syndrome and COVID-19: An update on the associated comorbidities and proposed therapies.](#)

Costa FF, Rosário WR, Ribeiro Farias AC, de Souza RG, Duarte Gondim RS, Barroso WA. Diabetes Metab Syndr. 2020 Jun 11;14(5):809-814. doi: 10.1016/j.dsx.2020.06.016. Online ahead of print. PMID: 32540733

76. [Overview of Coronavirus Disease 2019 \(COVID-19\): Treatment Updates and Advances.](#)

Luo YH, Chiu HY, Weng CS, Chen YM. J Chin Med Assoc. 2020 Jun 9. doi: 10.1097/JCMA.0000000000000367. Online ahead of print. PMID: 32520770

77. [An SAMT-247 Microbicide Provides Potent Protection against Intravaginal Simian Immunodeficiency Virus Infection of Rhesus Macaques, whereas an Added Vaccine Component Elicits Mixed Outcomes.](#)

Helmold Hait S, Hogge CJ, Rahman MA, Ko EJ, Hunegnaw R, Mushtaq Z, Enyindah-Asonye G, Hoang T, Miller Jenkins LM, Appella E, Appella DH, Robert-Guroff M. J Immunol. 2020 Jun 15;204(12):3315-3328. doi: 10.4049/jimmunol.2000165. Epub 2020 May 11. PMID: 32393514

78. [Chemo-immunotherapy with doxorubicin prodrug and erythrocyte membrane-enveloped polymer nano-vaccine enhances antitumor activity.](#)

Bao Y, Hu Q, Wang X, Feng X, He Y, Guo Y, Fu D. Biomed Pharmacother. 2020 Jun 15;129:110377. doi: 10.1016/j.biopha.2020.110377. Online ahead of print.
PMID: 32554247

79. [Applying lessons from the Ebola vaccine experience for SARS-CoV-2 and other epidemic pathogens.](#)

Wolf J, Bruno S, Eichberg M, Jannat R, Rudo S, VanRheenen S, Coller BA. NPJ Vaccines. 2020 Jun 15;5:51. doi: 10.1038/s41541-020-0204-7. eCollection 2020.
PMID: 32566261

80. [Decoding SARS-CoV-2 transmission, evolution and ramification on COVID-19 diagnosis, vaccine, and medicine.](#)

Wang R, Hozumi Y, Yin C, Wei G. J Chem Inf Model. 2020 Jun 12. doi: 10.1021/acs.jcim.0c00501. Online ahead of print.
PMID: 32530284

81. [Hepatitis E virus infection during pregnancy.](#)

Wu C, Wu X, Xia J. Version 2. Virol J. 2020 Jun 10;17(1):73. doi: 10.1186/s12985-020-01343-9.
PMID: 32522266

82. [Adenovector 26 encoded prefusion conformation stabilized RSV-F protein induces long-lasting Th1-biased immunity in neonatal mice.](#)

van der Fits L, Bolder R, Heemskerk-van der Meer M, Drijver J, van Polanen Y, Serroyen J, Langedijk JPM, Schuitemaker H, Saeland E, Zahn R. NPJ Vaccines. 2020 Jun 12;5:49. doi: 10.1038/s41541-020-0200-y. eCollection 2020.
PMID: 32566260

83. [Mannose-Modified Chitosan-Nanoparticle-Based Salmonella Subunit OralVaccine-Induced Immune Response and Efficacy in a Challenge Trial in Broilers.](#)

Han Y, Renu S, Patil V, Schrock J, Feliciano-Ruiz N, Selvaraj R, Renukaradhya GJ. Vaccines (Basel). 2020 Jun 11;8(2):E299. doi: 10.3390/vaccines8020299.
PMID: 32545295

84. [Exploring membrane proteins of Leishmania major to design a new multi-epitope vaccine using immunoinformatics approach.](#)

Rabienia M, Roudbari Z, Ghanbariasad A, Abdollahi A, Mohammadi E, Mortazavidehkordi N, Farjadfar A. Eur J Pharm Sci. 2020 Jun 10;152:105423. doi: 10.1016/j.ejps.2020.105423. Online ahead of print.
PMID: 32534195

85. [The legal extension of the role of pharmacists in light of the COVID-19 global pandemic.](#)

Merks P, Jakubowska M, Drelich E, Świeczkowski D, Bogusz J, Bilmin K, Sola KF, May A, Majchrowska A, Koziol M, Pawlikowski J, Jaguszewski M, Vaillancourt R. Res Social Adm Pharm. 2020 Jun 12:S1551-7411(20)30662-8. doi: 10.1016/j.sapharm.2020.05.033. Online ahead of print.
PMID: 32546449

86. [A framework for the systematic consideration of ethics, equity, feasibility, and acceptability in vaccine program recommendations.](#)

Ismail SJ, Hardy K, Tunis MC, Young K, Sicard N, Quach C. Vaccine. 2020 Jun 9:S0264-410X(20)30696-4. doi: 10.1016/j.vaccine.2020.05.051. Online ahead of print.
PMID: 32532544

87. [Incidence and characteristics of nosocomial influenza in a country with low vaccine coverage.](#)

Paz DL, Pronier C, Bayeh B, Jouneau S, Grolhier C, Le Bot A, Bénézit F, Thibault V, Tattevin P. J Hosp Infect. 2020 Jun 12:S0195-6701(20)30290-5. doi: 10.1016/j.jhin.2020.06.005. Online ahead of print.
PMID: 32540461

88. [Covid-19: A Comprehensive Review of a Formidable Foe and the Road Ahead.](#)

Hussain A, Yadav S, Hadda V, Suri TM, Tiwari P, Mittal S, Madan K, Mohan A. Expert Rev Respir Med. 2020 Jun 12. doi: 10.1080/17476348.2020.1782198. Online ahead of print.
PMID: 32529866

89. [The importance of effective risk communication and transparency: lessons from the dengue vaccine controversy in the Philippines.](#)

Dayrit MM, Mendoza RU, Valenzuela SA. J Public Health Policy. 2020 Jun 9. doi: 10.1057/s41271-020-00232-3. Online ahead of print.
PMID: 32518285

90. [A Veterinary Vaccine Development Process Map to assist in the development of new vaccines.](#)

Francis MJ. Vaccine. 2020 Jun 15;38(29):4512-4515. doi: 10.1016/j.vaccine.2020.05.007. Epub 2020 May 6.
PMID: 32418794

91. [The development of ghost vaccines trials.](#)

Batah AM, Ahmad TA. Expert Rev Vaccines. 2020 Jun 15:1-14. doi: 10.1080/14760584.2020.1777862. Online ahead of print.
PMID: 32500816

92. [Environmental modifiers of RTS,S/AS01 malaria vaccine efficacy in Lilongwe, Malawi.](#)

Bell GJ, Loop MS, Mvalo T, Juliano JJ, Mofolo I, Kamthunzi P, Tegha G, Lievens M, Bailey J, Emch M, Hoffman I. BMC Public Health. 2020 Jun 12;20(1):910. doi: 10.1186/s12889-020-09039-z.
PMID: 32532234

93. ['It takes two to tango': Bridging the gap between country need and vaccine product innovation.](#)

Archer RA, Kapoor R, Isaranuwatthai W, Teerawattananon Y, Giersing B, Botwright S, Luttjeboer J, Hutubessy RCW. PLoS One. 2020 Jun 10;15(6):e0233950. doi: 10.1371/journal.pone.0233950. eCollection 2020.

PMID: 32520934

94. [Influence of gut microbiota on mucosal IgA antibody response to the polio vaccine.](#)

Zhao T, Li J, Fu Y, Ye H, Liu X, Li G, Yang X, Yang J. NPJ Vaccines. 2020 Jun 9;5:47. doi: 10.1038/s41541-020-0194-5. eCollection 2020.

PMID: 32566258

95. [Adenovector 26 encoded prefusion conformation stabilized RSV-F protein induces long-lasting Th1-biased immunity in neonatal mice.](#)

van der Fits L, Bolder R, Heemskerk-van der Meer M, Drijver J, van Polanen Y, Serroyen J, Langedijk JPM, Schuitemaker H, Saeland E, Zahn R. NPJ Vaccines. 2020 Jun 12;5:49. doi: 10.1038/s41541-020-0200-y. eCollection 2020.

PMID: 32566260

96. [Improving HPV Vaccination Rates: A Stepped-Wedge Randomized Trial.](#)

Perkins RB, Legler A, Jansen E, Bernstein J, Pierre-Joseph N, Eun TJ, Biancarelli DL, Schuch TJ, Leschly K, Fenton ATHR, Adams WG, Clark JA, Drainoni ML, Hanchate A. Pediatrics. 2020 Jun 15:e20192737. doi: 10.1542/peds.2019-2737. Online ahead of print.

PMID: 32540986

97. [Comparison of anti-capsular antibody quantity and functionality in children after different primary dose and booster schedules of 13 valent-pneumococcal conjugate vaccine.](#)

Kaur R, Pichichero M. Vaccine. 2020 Jun 9;38(28):4423-4431. doi: 10.1016/j.vaccine.2020.04.063. Epub 2020 May 10.

PMID: 32402752

98. [Determination of parvovirus antigen in the vaccine using time-resolved fluorescence immunoassay.](#)

Chen C, Liang H, Hu B, Ning B, Lai H, He Y, Guo G, Zhong S, Li L. Biotechnol Appl Biochem. 2020 Jun 13. doi: 10.1002/bab.1967. Online ahead of print.

PMID: 32533780

99. [A TLR9-adjuvanted vaccine formulated into dissolvable microneedle patches or cationic liposomes protects against leishmaniasis after skin or subcutaneous immunization.](#)

Lanza JS, Vucen S, Flynn O, Donadei A, Cojean S, Loiseau PM, Fernandes APSM, Frézard F, Moore AC. Int J Pharm. 2020 Jun 12:119390. doi: 10.1016/j.ijpharm.2020.119390. Online ahead of print.

PMID: 32540349

100. [Impact of Reactogenicity After Two Doses of Recombinant Zoster Vaccine Upon Physical Functioning and Quality of Life: An Open Phase III Trial in Older Adults.](#)

Schmader KE, Levin MJ, Chen M, Matthews S, Riley ME, Woo W, Hervé C, Grugging K, Schuind AE, Oostvogels L, Curran D. J Gerontol A Biol Sci Med Sci. 2020 Jun 12:glaa127. doi: 10.1093/gerona/glaa127. Online ahead of print.

PMID: 32530462

101. [An effective CTL peptide vaccine for Ebola Zaire Based on Survivors' CD8+ targeting of a particular nucleocapsid protein epitope with potential implications for COVID-19 vaccine design.](#)

Herst CV, Burkholz S, Sidney J, Sette A, Harris PE, Massey S, Brasel T, Cunha-Neto E, Rosa DS, Chao WCH, Carback R, Hodge T, Wang L, Ciotlos S, Lloyd P, Rubsamen R. Vaccine. 2020 Jun 9;38(28):4464-4475. doi: 10.1016/j.vaccine.2020.04.034. Epub 2020 Apr 28.

PMID: 32418793

102. [Reaction Cycles of Halogen Species in the Immune Defense: Implications for Human Health and Diseases and the Pathology and Treatment of COVID-19.](#)

Lu QB. Cells. 2020 Jun 13;9(6):E1461. doi: 10.3390/cells9061461.

PMID: 32545714

103. [Improving Utilization of Vaccine Two-Dimensional \(2D\) Barcode Scanning Technology Maximizes Accuracy Benefits.](#)

Reed JH, Evanson HV, Cox R, Williams WW, Vallerio J, Caughron S, Rodgers L, Greene M, Koeppl P, Gerlach K. J Healthc Qual. 2020 Jun 9. doi: 10.1097/JHQ.000000000000265. Online ahead of print.

PMID: 32544140

104. [Identification of potential inhibitors of SARS-COV-2 endoribonuclease \(EndoU\) from FDA approved drugs: a drug repurposing approach to find therapeutics for COVID-19.](#)

Chandra A, Gurjar V, Qamar I, Singh N. J Biomol Struct Dyn. 2020 Jun 9:1-11. doi: 10.1080/07391102.2020.1775127. Online ahead of print.

PMID: 32462970

105. [Fighting COVID-19.](#)

Campos DMO, Oliveira CBS, Andrade JMA, Oliveira JIN. Braz J Biol. 2020 Jun 10:S1519-69842020005017203. doi: 10.1590/1519-6984.238155. Online ahead of print.

PMID: 32555974

106. [Projected Population Benefit of Increased Effectiveness and Coverage of Influenza Vaccination on Influenza Burden in the United States.](#)

Hughes MM, Reed C, Flannery B, Garg S, Singleton JA, Fry AM, Rolfes MA. Clin Infect Dis. 2020 Jun 10;70(12):2496-2502. doi: 10.1093/cid/ciz676.

PMID: 31344229

107. [Adaptive Immunity to Dengue Virus: Slippery Slope or Solid Ground for Rational Vaccine Design?](#)

Wilken L, Rimmelzwaan GF. Pathogens. 2020 Jun 15;9(6):E470. doi: 10.3390/pathogens9060470. PMID: 32549226

108. [Safety and Immunogenicity of a Second Dose of an Investigational Maternal Trivalent Group B Streptococcus Vaccine in Nonpregnant Women 4-6 Years After a First Dose: Results From a Phase 2 Trial.](#)

Leroux-Roels G, Bebia Z, Maes C, Aerssens A, De Boever F, Grassano L, Buffi G, Margarit I, Karsten A, Cho S, Slobod K, Corsaro B, Henry O. Clin Infect Dis. 2020 Jun 10;70(12):2570-2579. doi: 10.1093/cid/ciz737. PMID: 31394574

109. [Innate Molecular and Cellular Signature in the Skin Preceding Long-Lasting T Cell Responses after Electroporated DNA Vaccination.](#)

Adam L, Tchitchek N, Todorova B, Rosenbaum P, Joly C, Poux C, Chapon C, Spetz AL, Ustav M, Le Grand R, Martinon F. J Immunol. 2020 Jun 15;204(12):3375-3388. doi: 10.4049/jimmunol.1900517. Epub 2020 May 8. PMID: 32385135

110. [Algorithms and Health Misinformation: A Case Study of Vaccine Books on Amazon.](#)

Shin J, Valente T. J Health Commun. 2020 Jun 14:1-8. doi: 10.1080/10810730.2020.1776423. Online ahead of print. PMID: 32536257

111. [Safety and immunogenicity of a mosquito saliva peptide-based vaccine: a randomised, placebo-controlled, double-blind, phase 1 trial.](#)

Manning JE, Oliveira F, Coutinho-Abreu IV, Herbert S, Meneses C, Kamhawi S, Baus HA, Han A, Czajkowski L, Rosas LA, Cervantes-Medina A, Athota R, Reed S, Mateja A, Hunsberger S, James E, Pleguezuelos O, Stoloff G, Valenzuela JG, Memoli MJ. Lancet. 2020 Jun 11:S0140-6736(20)31048-5. doi: 10.1016/S0140-6736(20)31048-5. Online ahead of print. PMID: 32534628

112. [Cost-effectiveness of pneumococcal vaccination for elderly in Sweden.](#)

Wolff E, Storsaeter J, Örtqvist Å, Naucner P, Larsson S, Lepp T, Roth A. Vaccine. 2020 Jun 11:S0264-410X(20)30727-1. doi: 10.1016/j.vaccine.2020.05.072. Online ahead of print. PMID: 32536548

113. [Epidemiology of Epstein-Barr virus infection and infectious mononucleosis in the United Kingdom.](#)

Kuri A, Jacobs BM, Vickaryous N, Pakpoor J, Middeldorp J, Giovannoni G, Dobson R. BMC Public Health. 2020 Jun 12;20(1):912. doi: 10.1186/s12889-020-09049-x. PMID: 32532296

114. [The effects of regional climatic condition on the spread of COVID-19 at global scale.](#)

Iqbal MM, Abid I, Hussain S, Shahzad N, Waqas MS, Iqbal MJ. Sci Total Environ. 2020 Jun 9;739:140101. doi: 10.1016/j.scitotenv.2020.140101. Online ahead of print.

PMID: 32531684

115. [What influenza vaccination programmes are preferred by healthcare personnel? A discrete choice experiment.](#)

Liao Q, Ng TWY, Cowling BJ. Vaccine. 2020 Jun 15;38(29):4557-4563. doi: 10.1016/j.vaccine.2020.05.012. Epub 2020 May 7.

PMID: 32414654

116. [The Drug Shortage Era: A Scoping Review of the Literature 2001-2019.](#)

Tucker EL, Cao Y, Fox ER, Sweet BV. Clin Pharmacol Ther. 2020 Jun 10. doi: 10.1002/cpt.1934. Online ahead of print.

PMID: 32521038

117. [The Dual Epidemics of COVID-19 and Influenza: Vaccine Acceptance, Coverage, and Mandates.](#)

Gostin LO, Salmon DA. JAMA. 2020 Jun 11. doi: 10.1001/jama.2020.10802. Online ahead of print.

PMID: 32525519

118. [Two decades of vaccine innovations for global public good: Report of the Developing Countries' Vaccine Manufacturers Network 20th meeting, 21-23 october 2019, Rio de Janeiro, Brazil.](#)

Pagliusi S, Dennehy M, Homma A. Vaccine. 2020 Jun 10:S0264-410X(20)30707-6. doi: 10.1016/j.vaccine.2020.05.062. Online ahead of print.

PMID: 32535016

119. [Japanese encephalitis vaccination in pregnancy among U.S. active duty military women.](#)

Khodr ZG, Hall C, Chang RN, Bukowinski AT, Gumbs GR, Conlin AMS. Vaccine. 2020 Jun 15;38(29):4529-4535. doi: 10.1016/j.vaccine.2020.05.023. Epub 2020 May 16.

PMID: 32423771

120. [Policy implications of the potential use of a novel vaccine to prevent infection with Schistosoma mansoni with or without mass drug administration.](#)

Kura K, Collyer BS, Toor J, Truscott JE, Hollingsworth TD, Keeling MJ, Anderson RM. Vaccine. 2020 Jun 9;38(28):4379-4386. doi: 10.1016/j.vaccine.2020.04.078. Epub 2020 May 14.

PMID: 32418795

121. [Effectiveness of quadrivalent influenza vaccine in pregnant women and infants, 2018-2019.](#)

Maltezou HC, Asimakopoulos G, Stavrou S, Daskalakis G, Koutroumanis P, Sindos M, Theodora M, Katerelos P, Kostis E, Gavriili S, Kossyvakis A, Theodoridou M, Mentis A, Drakakis P, Loutradis D, Rodolakis A. Vaccine. 2020 Jun 15;38(29):4625-4631. doi: 10.1016/j.vaccine.2020.04.060. Epub 2020 May 8.

PMID: 32402751

122. [Key Positions of HIV-1 Env and Signatures of Vaccine Efficacy Show Gradual Reduction of Population Founder Effects at the Clade and Regional Levels.](#)
Han C, Johnson J, Dong R, Kandula R, Kort A, Wong M, Yang T, Breheny PJ, Brown GD, Haim H. mBio. 2020 Jun 9;11(3):e00126-20. doi: 10.1128/mBio.00126-20.
PMID: 32518179
123. [Potent neutralizing antibodies from COVID-19 patients define multiple targets of vulnerability.](#)
Brouwer PJM, Caniels TG, van der Straten K, Snitselaar JL, Aldon Y, Bangaru S, Torres JL, Okba NMA, Claireaux M, Kerster G, Bentlage AEH, van Haaren MM, Guerra D, Burger JA, Schermer EE, Verheul KD, van der Velde N, van der Kooi A, van Schooten J, van Breemen MJ, Bijl TPL, Sliepen K, Aartse A, Derking R, Bontjer I, Kootstra NA, Wiersinga WJ, Vidarsson G, Haagmans BL, Ward AB, de Bree GJ, Sanders RW, van Gils MJ. Science. 2020 Jun 15:eabc5902. doi: 10.1126/science.abc5902. Online ahead of print.
PMID: 32540902
124. [Foreign Bodies in the Skin: Evaluation and Management.](#)
Rupert J, Honeycutt JD, Odom MR. Am Fam Physician. 2020 Jun 15;101(12):740-747.
PMID: 32538598
125. [Spring in London with Covid-19: a personal view.](#)
Braahms D. Med Leg J. 2020 Jun 9:25817220923692. doi: 10.1177/0025817220923692. Online ahead of print.
PMID: 32515258
126. [SAEFVIC: Surveillance of adverse events following immunisation \(AEFI\) in Victoria, Australia, 2018.](#)
Clothier HJ, Lawrie J, Lewis G, Russell M, Crawford NW, BATTERY JP. Commun Dis Intell (2018). 2020 Jun 15;44. doi: 10.33321/cdi.2020.44.46.
PMID: 32536336
127. [Repurposing cefuroxime for treatment of COVID-19: a scoping review of *in silico* studies.](#)
Durojaiye AB, Clarke JD, Stamatiades GA, Wang C. J Biomol Struct Dyn. 2020 Jun 13:1-8. doi: 10.1080/07391102.2020.1777904. Online ahead of print.
PMID: 32538276
128. [Sex differences in shigellosis incidence rates: analysis of national data from nine countries using meta-analytic method.](#)
Peer V, Schwartz N, Green MS. Eur J Public Health. 2020 Jun 14:ckaa087. doi: 10.1093/eurpub/ckaa087. Online ahead of print.
PMID: 32535632

129. [Influenza vaccination as a novel means of preventing coronary heart disease: Effectiveness in older adults.](#)
Aidoud A, Marlet J, Angoulvant D, Debacq C, Gavazzi G, Fougère B. *Vaccine*. 2020 Jun 11:S0264-410X(20)30725-8. doi: 10.1016/j.vaccine.2020.05.070. Online ahead of print.
PMID: 32536551
130. [Close the gap for routine mumps vaccination in Japan.](#)
Kitano T. *Hum Vaccin Immunother*. 2020 Jun 12:1-6. doi: 10.1080/21645515.2020.1765619. Online ahead of print.
PMID: 32530735
131. [Immunogenicity and safety of a quadrivalent meningococcal tetanus toxoid-conjugate vaccine \(MenACYW-TT\) in ≥56-year-olds: A Phase III randomized study.](#)
Esteves-Jaramillo A, Koehler T, Jeanfreau R, Neveu D, Jordanov E, Singh Dhingra M. *Vaccine*. 2020 Jun 9;38(28):4405-4411. doi: 10.1016/j.vaccine.2020.04.067. Epub 2020 May 6.
PMID: 32387012
132. [Toward Nanotechnology-Enabled Approaches against the COVID-19 Pandemic.](#)
Weiss C, Carriere M, Fusco L, Capua I, Regla-Nava JA, Pasquali M, Scott JA, Vitale F, Unal MA, Mattevi C, Bedognetti D, Merkoçi A, Tasciotti E, Yilmazer A, Gogotsi Y, Stellacci F, Delogu LG. *ACS Nano*. 2020 Jun 10:acs.nano.0c03697. doi: 10.1021/acsnano.0c03697. Online ahead of print.
PMID: 32519842
133. [Combined Prebiotic and Microbial Intervention Improves Oral Cholera Vaccination Responses in a Mouse Model of Childhood Undernutrition.](#)
Di Luccia B, Ahern PP, Griffin NW, Cheng J, Guruge JL, Byrne AE, Rodionov DA, Leyn SA, Osterman AL, Ahmed T, Colonna M, Barratt MJ, Delahaye NF, Gordon JI. *Cell Host Microbe*. 2020 Jun 10;27(6):899-908.e5. doi: 10.1016/j.chom.2020.04.008. Epub 2020 Apr 28.
PMID: 32348782
134. [Attitudes towards varicella vaccination in parents and paediatric healthcare providers in Hungary.](#)
Huber A, Gazder J, Dobay O, Mészner Z, Horváth A. *Vaccine*. 2020 Jun 13:S0264-410X(20)30758-1. doi: 10.1016/j.vaccine.2020.05.091. Online ahead of print.
PMID: 32546413
135. [Innate Immune Components that Regulate the Pathogenesis and Resolution of hRSV and hMPV Infections.](#)
Andrade CA, Pacheco GA, Gálvez NMS, Soto JA, Bueno SM, Kalergis AM. *Viruses*. 2020 Jun 12;12(6):E637. doi: 10.3390/v12060637.
PMID: 32545470

136. [Use of the guinea pig model of genital herpes to evaluate vaccines and antivirals: review.](#)
Bernstein DI. Antiviral Res. 2020 Jun 13:104821. doi: 10.1016/j.antiviral.2020.104821. Online ahead of print. PMID: 32544409 Review.
137. [Knowledge, attitudes and practices about vaccination in Trentino, Italy in 2019.](#)
Melot B, Bordin P, Bertoni C, Tralli V, Zuccali M, Grignolio A, Majori S, Ferro A. Hum Vaccin Immunother. 2020 Jun 12:1-10. doi: 10.1080/21645515.2020.1763085. Online ahead of print. PMID: 32530773
138. [Immunogenicity and safety of the 13-valent pneumococcal conjugate vaccine in patients with immunocompromising conditions: a review of available evidence.](#)
Chilson E, Scott DA, Schmoele-Thoma B, Watson W, Moran MM, Isturiz R. Hum Vaccin Immunother. 2020 Jun 12:1-15. doi: 10.1080/21645515.2020.1735224. Online ahead of print. PMID: 32530360
139. [Production and evaluating the properties of HIV-1-Nef-MPER-V3 fusion protein harboring IMT-P8 cell penetrating peptide.](#)
Jahedian S, Sadat SM, Javadi GR, Bolhassani A. Curr HIV Res. 2020 Jun 12. doi: 10.2174/1570162X18666200612151925. Online ahead of print. PMID: 32532193
140. [Assessing the vaccine effectiveness for hand, foot, and mouth disease in Guangzhou, China: a time-series analysis.](#)
Du Z, Huang Y, Bloom MS, Zhang Z, Yang Z, Lu J, Xu J, Hao Y. Hum Vaccin Immunother. 2020 Jun 12:1-7. doi: 10.1080/21645515.2020.1763076. Online ahead of print. PMID: 32530733
141. [Development and evaluation of a new recombinant protein vaccine \(YidR\) against Klebsiella pneumoniae infection.](#)
Rodrigues MX, Yang Y, de Souza Meira EB Jr, do Carmo Silva J, Bicalho RC. Vaccine. 2020 Jun 15;38(29):4640-4648. doi: 10.1016/j.vaccine.2020.03.057. Epub 2020 May 20. PMID: 32444194
142. [Vaccination in patients with chronic kidney disease - review of current recommendations and recent advances.](#)
Ma BM, Yap DYH, Yip TPS, Hung IFN, Tang SCW, Chan TM. Nephrology (Carlton). 2020 Jun 10. doi: 10.1111/nep.13741. Online ahead of print. PMID: 32524684
143. [CARD9-Associated Dectin-1 and Dectin-2 Are Required for Protective Immunity of a Multivalent Vaccine against Coccidioides posadasii Infection.](#)

Campuzano A, Zhang H, Ostroff GR, Dos Santos Dias L, Wüthrich M, Klein BS, Yu JJ, Lara HH, Lopez-Ribot JL, Hung CY. *J Immunol*. 2020 Jun 15;204(12):3296-3306. doi: 10.4049/jimmunol.1900793. Epub 2020 May 1.

PMID: 32358020

144. [HPV vaccine coverage and acceptability among a national sample of sexual minority women ages 18-45.](#)

Reiter PL, Bustamante G, McRee AL. *Vaccine*. 2020 Jun 11:S0264-410X(20)30762-3. doi: 10.1016/j.vaccine.2020.06.001. Online ahead of print.

PMID: 32536546

145. [VSV-Displayed HIV-1 Envelope Identifies Broadly Neutralizing Antibodies Class-Switched to IgG and IgA.](#)

Jia M, Liberatore RA, Guo Y, Chan KW, Pan R, Lu H, Waltari E, Mittler E, Chandran K, Finzi A, Kaufmann DE, Seaman MS, Ho DD, Shapiro L, Sheng Z, Kong XP, Bieniasz PD, Wu X. *Cell Host Microbe*. 2020 Jun 10;27(6):963-975.e5. doi: 10.1016/j.chom.2020.03.024. Epub 2020 Apr 20.

PMID: 32315598

146. [Protection of layers and breeders against homologous or heterologous HPAIv by vaccines from Korean national antigen bank.](#)

Kang YM, Cho HK, Kim HM, Lee CH, Kim DY, Choi SH, Lee MH, Kang HM. *Sci Rep*. 2020 Jun 10;10(1):9436. doi: 10.1038/s41598-020-66343-9.

PMID: 32523096

147. [A Natural Peptide Antigen within the Plasmodium Ribosomal Protein RPL6 Confers Liver T_{RM} Cell-Mediated Immunity against Malaria in Mice.](#)

Valencia-Hernandez AM, Ng WY, Ghazanfari N, Ghilas S, de Menezes MN, Holz LE, Huang C, English K, Naung M, Tan PS, Tullett KM, Steiner TM, Enders MH, Beattie L, Chua YC, Jones CM, Cozijnsen A, Mollard V, Cai Y, Bowen DG, Purcell AW, La Gruta NL, Villadangos JA, de Koning-Ward T, Barry AE, Barchet W, Cockburn IA, McFadden GI, Gras S, Lahoud MH, Bertolino P, Schittenhelm RB, Caminschi I, Heath WR, Fernandez-Ruiz D. *Cell Host Microbe*. 2020 Jun 10;27(6):950-962.e7. doi: 10.1016/j.chom.2020.04.010. Epub 2020 May 11.

PMID: 32396839

148. [Microneutralization assay titer correlates analysis in two phase 3 trials of the CYD-TDV tetravalent dengue vaccine in Asia and Latin America.](#)

Carpp LN, Fong Y, Bonaparte M, Moodie Z, Juraska M, Huang Y, Price B, Zhuang Y, Shao J, Zheng L, Chambonneau L, Small R, Sridhar S, DiazGranados CA, Gilbert PB. *PLoS One*. 2020 Jun 15;15(6):e0234236. doi: 10.1371/journal.pone.0234236. eCollection 2020.

PMID: 32542024

149. [Antigen Discovery, Bioinformatics and Biological Characterization of Novel Immunodominant Babesia microti Antigens.](#)
Verma N, Puri A, Essuman E, Skelton R, Anantharaman V, Zheng H, White S, Gunalan K, Takeda K, Bajpai S, Lepore TJ, Krause PJ, Aravind L, Kumar S. Sci Rep. 2020 Jun 12;10(1):9598. doi: 10.1038/s41598-020-66273-6.
PMID: 32533024
150. [Impact of Influenza on Pneumococcal Vaccine Effectiveness during Streptococcus pneumoniae Infection in Aged Murine Lung.](#)
Jirru E, Lee S, Harris R, Yang J, Cho SJ, Stout-Delgado H. Vaccines (Basel). 2020 Jun 11;8(2):E298. doi: 10.3390/vaccines8020298.
PMID: 32545261
151. [Implementing a clinical protocol using breastfeeding to mitigate vaccination pain in infants.](#)
Komaroff A, Forest S. J Pediatr Nurs. 2020 Jun 10;54:50-57. doi: 10.1016/j.pedn.2020.05.017. Online ahead of print.
PMID: 32534408
152. [Liposomal Formulation of ChimeraT, a Multiple T-Cell Epitope-Containing Recombinant Protein, Is a Candidate Vaccine for Human Visceral Leishmaniasis.](#)
Lage DP, Ribeiro PAF, Dias DS, Mendonça DVC, Ramos FF, Carvalho LM, Steiner BT, Tavares GSV, Martins VT, Machado AS, Oliveira-da-Silva JA, Santos TTO, Freitas CS, Oliveira JS, Roatt BM, Machado-de-Ávila RA, Humbert MV, Christodoulides M, Coelho EAF. Vaccines (Basel). 2020 Jun 9;8(2):E289. doi: 10.3390/vaccines8020289.
PMID: 32526867
153. [Immunizations at Wisconsin Pharmacies: Results of a statewide vaccine registry analysis and pharmacist survey.](#)
Berce PC, Bernstein RS, MacKinnon GE, Sorum S, Martin E, MacKinnon KJ, Rein LE, Schellhase KG. Vaccine. 2020 Jun 9;38(28):4448-4456. doi: 10.1016/j.vaccine.2020.04.043. Epub 2020 May 13.
PMID: 32417143
154. [Cost effectiveness of trivalent and quadrivalent influenza vaccines in 50- to 64-year-old adults in Korea.](#)
Choi EJ, Park JH, Chun BC. Vaccine. 2020 Jun 9;S0264-410X(20)30710-6. doi: 10.1016/j.vaccine.2020.05.065. Online ahead of print.
PMID: 32532543
155. [Novel Genotype Definition and Genome Characteristics of Duck Circovirus in Central and Eastern China.](#)
Ji J, Chen Q, Sui C, Yu Z, Xu X, Yao L, Kan Y, Bi Y, Xie Q. Transbound Emerg Dis. 2020 Jun 12. doi: 10.1111/tbed.13676. Online ahead of print.

PMID: 32531142

156. [Efficacy of Infectious Bronchitis GI-13 \(793B\) Vaccine Candidate Tested According to the Current European Union Requirements and for Cross-Protection Against Heterologous QX-Like Challenge.](#)

Kutle L, Ljuma Skupnjak L, Vrdoljak A, Janković D, Boelm GJ, Kelemen F, Zorman Rojs O, Millecam J. *Viral Immunol.* 2020 Jun 9. doi: 10.1089/vim.2020.0011. Online ahead of print. PMID: 32522104

157. [Coverage and Timeliness of Birth Dose Vaccination in Sub-Saharan Africa: A Systematic Review and Meta-Analysis.](#)

Bassoum O, Kimura M, Tal Dia A, Lemoine M, Shimakawa Y. *Vaccines (Basel).* 2020 Jun 11;8(2):E301. doi: 10.3390/vaccines8020301.

PMID: 32545322

158. [Sirolimus enhances the protection achieved by a DNA vaccine against *Leishmania infantum*.](#)

Martínez-Flórez A, Martori C, Monteagudo PL, Rodríguez F, Alberola J, Rodríguez-Cortés A. *Parasit Vectors.* 2020 Jun 9;13(1):294. doi: 10.1186/s13071-020-04165-4.

PMID: 32517744

159. [Nourishing the Microbiota to Promote Mucosal Immunity.](#)

Shenoy MK, Koch MA. *Cell Host Microbe.* 2020 Jun 10;27(6):849-851. doi: 10.1016/j.chom.2020.05.016.

PMID: 32526178

160. [Paediatric Active Enhanced Disease Surveillance \(PAEDS\) 2017 and 2018: Prospective hospital-based surveillance for serious paediatric conditions.](#)

McRae JE, Quinn HE, Saravanos GL, Carlson SJ, Britton PN, Crawford NW, Wood NJ, Marshall HS, Macartney KK; Paediatric Active Enhanced Disease Surveillance (PAEDS) network. *Commun Dis Intell* (2018). 2020 Jun 15;44. doi: 10.33321/cdi.2020.44.49.

PMID: 32536339

161. [Travel Medicine Curricula across Canadian Pharmacy Programs and Alignment with Scope of Practice.](#)

Fernandes HVJ, Cook B, Houle SKD. *Pharmacy (Basel).* 2020 Jun 15;8(2):E102. doi: 10.3390/pharmacy8020102.

PMID: 32549192

162. [Efficacy and safety of telbivudine treatment for the prevention of HBV perinatal transmission.](#)

Ren C, Wang L, Sun W, Ma L, Dong Z, Hao A, Zhou L, Li F, Ma W. *Medicine (Baltimore).* 2020 Jun 12;99(24):e20583. doi: 10.1097/MD.00000000000020583.

PMID: 32541488

163. [Multivalued ethical framework for fair global allocation of a COVID-19 vaccine.](#)

Liu Y, Salwi S, Drolet B. J Med Ethics. 2020 Jun 12:medethics-2020-106516. doi: 10.1136/medethics-2020-106516. Online ahead of print.

PMID: 32532826

164. [The potential of cannabidiol in the COVID-19 pandemic: a hypothesis letter.](#)

Esposito G, Pesce M, Seguella L, Sanseverino W, Lu J, Corpetti C, Sarnelli G. Br J Pharmacol. 2020 Jun 10:10.1111/bph.15157. doi: 10.1111/bph.15157. Online ahead of print.

PMID: 32519753

165. [Serotype distribution of *Streptococcus pneumoniae* in children with invasive disease in Turkey: 2015-2018.](#)

Ceyhan M, Aykac K, Gurler N, Ozsurekci Y, Öksüz L, Altay Akısoglu Ö, Öz FN, Emiroglu M, TurkDagi H, Yaman A, Söyletir G, Öztürk C, Akpolat N, Özakin C, Aydın F, Aydemir Ş, Kiremitci A, Gültekin M, Camcıoglu Y, Zer Y, Güdücüoğlu H, Gülay Z, Birinci A, Arabaci C, Karbuz A, Devrim I, Sorguc Y, Baysan BÖ, Karadag Oncel E, Yilmaz N, Altintop YA. Hum Vaccin Immunother. 2020 Jun 12:1-6. doi: 10.1080/21645515.2020.1747931. Online ahead of print.

PMID: 32530357

166. [Vaccine-associated Rubella - a report of two cases and a review of the literature.](#)

Ong SWX, Vasoo S, Sadarangani SP, Cui L, Marimuthu K, Lim PL, Kong JW, Wong JCC, Puong KY, Chan KP. Hum Vaccin Immunother. 2020 Jun 12:1-4. doi: 10.1080/21645515.2020.1765623. Online ahead of print.

PMID: 32530771

167. [Isolation of potent SARS-CoV-2 neutralizing antibodies and protection from disease in a small animal model.](#)

Rogers TF, Zhao F, Huang D, Beutler N, Burns A, He WT, Limbo O, Smith C, Song G, Woehl J, Yang L, Abbott RK, Callaghan S, Garcia E, Hurtado J, Parren M, Peng L, Ramirez S, Ricketts J, Ricciardi MJ, Rawlings SA, Wu NC, Yuan M, Smith DM, Nemazee D, Teijaro JR, Voss JE, Wilson IA, Andrabi R, Briney B, Landais E, Sok D, Jardine JG, Burton DR. Science. 2020 Jun 15:eabc7520. doi: 10.1126/science.abc7520. Online ahead of print.

PMID: 32540903

168. [Generation and immunogenicity assessment of ELPylated virus-like particles of porcine circovirus type 2.](#)

Li Y, Wang Y, Cheng J, Zhou X, Lu H, Zhang X, Xia X, Sun H. Virol J. 2020 Jun 9;17(1):72. doi: 10.1186/s12985-020-01346-6.

PMID: 32517704

Free PMC article.

169. [Application of median lethal concentration \(LC\(50\)\) of pathogenic microorganisms and their antigens in vaccine development.](#)

Saganuwan SA. Version 2. BMC Res Notes. 2020 Jun 15;13(1):289. doi: 10.1186/s13104-020-05126-x.

PMID: 32539814 Free PMC article.

170. [Vitamin D Receptor stimulation to reduce Acute Respiratory Distress Syndrome \(ARDS\) in patients with Coronavirus SARS-CoV-2 infections: Revised Ms SBMB 2020 166.](#)

Quesada-Gomez JM, Castillo ME, Bouillon R. J Steroid Biochem Mol Biol. 2020 Jun 11:105719. doi: 10.1016/j.jsbmb.2020.105719. Online ahead of print.

PMID: 32535032

171. [A Simple and High-Throughput ELISA-Based Neutralization Assay for the Determination of Anti-Flavivirus Neutralizing Antibodies.](#)

Balingit JC, Phu Ly MH, Matsuda M, Suzuki R, Hasebe F, Morita K, Moi ML. Vaccines (Basel). 2020 Jun 10;8(2):E297. doi: 10.3390/vaccines8020297.

PMID: 32532141

172. [Are vaccinated measles cases protected against severe disease?](#)

Bonneton M, Antona D, Danis K, Ait-Belghiti F, Levy-Bruhl D. Vaccine. 2020 Jun 15;38(29):4516-4519. doi: 10.1016/j.vaccine.2020.05.005. Epub 2020 May 14.

PMID: 32418790

173. [Cost-Effectiveness of Dengue Vaccination in Indonesia: Considering Integrated Programs with Wolbachia-Infected Mosquitos and Health Education.](#)

Suwantika AA, Kautsar AP, Supadmi W, Zakiyah N, Abdulah R, Ali M, Postma MJ. Int J Environ Res Public Health. 2020 Jun 12;17(12):E4217. doi: 10.3390/ijerph17124217.

PMID: 32545688

174. [Potential for elimination of SAR-CoV-2 through vaccination as inspired by elimination of multiple influenza viruses through natural pandemics or mass vaccination.](#)

Chen JM, Sun YX, Chen JW. J Med Virol. 2020 Jun 11:10.1002/jmv.26162. doi: 10.1002/jmv.26162. Online ahead of print.

PMID: 32525587

175. [Dynamic interactions of influenza viruses in Hong Kong during 1998-2018.](#)

Yang W, Lau EHY, Cowling BJ. PLoS Comput Biol. 2020 Jun 15;16(6):e1007989. doi: 10.1371/journal.pcbi.1007989. Online ahead of print.

PMID: 32542015

176. [Preparing to introduce new maternal immunizations in low- and lower-middle-income countries: A report from the Bill & Melinda Gates Foundation convening "Allies in Maternal and Newborn Care"; May 3-4, 2018.](#)

Sobanjo-Ter Meulen A, Liljestrand J, Lawn JE, Hombach J, Smith J, Dickson KE, Munoz FM, Omer SB, Williams BA, Klugman KP. Vaccine. 2020 Jun 9;38(28):4355-4361. doi: 10.1016/j.vaccine.2020.04.075. Epub 2020 May 14.

PMID: 32418791

177. [A Phase I/IIa trial of a frameshift peptide neoantigen-based vaccine for mismatch repair-deficient cancers.](#)

Kloor M, Reuschenbach M, Pauligk C, Karbach J, Rafiyan MR, Al-Batran SE, Tariverdian M, Jaeger E, von Knebel Doeberitz M. Clin Cancer Res. 2020 Jun 15;clincanres.3517.2019. doi: 10.1158/1078-0432.CCR-19-3517. Online ahead of print.

PMID: 32540851

178. [Prosocial polio vaccination in Israel.](#)

Wells CR, Huppert A, Fitzpatrick MC, Pandey A, Velan B, Singer BH, Bauch CT, Galvani AP. Proc Natl Acad Sci U S A. 2020 Jun 9;117(23):13138-13144. doi: 10.1073/pnas.1922746117. Epub 2020 May 26.

PMID: 32457142

179. [Feasibility of direct venous inoculation of the radiation-attenuated Plasmodium falciparum whole sporozoite vaccine in children and infants in Siaya, western Kenya.](#)

Oneko M, Cherop YR, Sang T, Gutman JR, Wiegand R, Nyang'au EM, Odila AD, Akach D, Hamel MJ, Samuels AM, Kariuki S, Abebe Y, Nzuu EL, Wijayalath W, James ER, Sim BKL, Billingsley PF, Richie TL, Hoffman SL, Seder RA, Steinhardt LC. Vaccine. 2020 Jun 15;38(29):4592-4600. doi: 10.1016/j.vaccine.2020.05.008. Epub 2020 May 19.

PMID: 32444192

180. [Serotype distribution and clinical characteristics associated with streptococcus pneumoniae among Chinese children and adults with invasive pneumococcal disease: a multicenter observational study.](#)

Li MC, Wang Y, Zhang H, Liu Y, Chen XJ, Yang HW, Ma P, Wang DC, Zhang BC, Dong AY, Wang CX, Li Y, Bai P, Tang WM, Wang J, Shao ZJ, Xu YC. Hum Vaccin Immunother. 2020 Jun 12:1-11. doi: 10.1080/21645515.2020.1757996. Online ahead of print.

PMID: 32530720

181. [Evaluation of a Rapid Point-of-Care Multiplex Immunochromatographic Assay for the Diagnosis of Enteric Fever.](#)

Kumar S, Nodoushani A, Khanam F, DeCruz AT, Lambotte P, Scott R, Bogoch II, Vaidya K, Calderwood SB, Bhuiyan TR, Esfandiari J, Ryan ET, Qadri F, Andrews JR, Charles RC. mSphere. 2020 Jun 10;5(3):e00253-20. doi: 10.1128/mSphere.00253-20.

PMID: 32522777

182. [Combined Intranasal Nanoemulsion and RIG-I Activating RNA Adjuvants Enhance Mucosal, Humoral, and Cellular Immunity to Influenza Virus.](#)

Wong PT, Goff PH, Sun RJ, Ruge MJ, Ermler ME, Sebring A, O'Konek JJ, Landers JJ, Janczak KW, Sun W, Baker JR Jr. Mol Pharm. 2020 Jun 15. doi: 10.1021/acs.molpharmaceut.0c00315. Online ahead of print.

PMID: 32491861

183. [A Phase 1 Randomized Placebo-Controlled Study to Assess the Safety, Immunogenicity and Genetic Stability of a New Potential Pandemic H7N9 Live Attenuated Influenza Vaccine in Healthy Adults.](#)
Kiseleva I, Isakova-Sivak I, Stukova M, Erofeeva M, Donina S, Larionova N, Krutikova E, Bazhenova E, Stepanova E, Vasilyev K, Matyushenko V, Krylova M, Galatonova J, Ershov A, Lioznov D, Sparrow EG, Torelli G, Rudenko L. *Vaccines (Basel)*. 2020 Jun 10;8(2):E296. doi: 10.3390/vaccines8020296.
PMID: 32532097
184. [Investigation of the combination of anti-PD-L1 mAb with HER2/neu-loaded dendritic cells and QS-21 saponin adjuvant: effect against HER2 positive breast cancer in mice.](#)
Özverel CS, Uyanikgil Y, Karaboz İ, Nalbantsoy A. *Immunopharmacol Immunotoxicol*. 2020 Jun 9:1-12. doi: 10.1080/08923973.2020.1775644. Online ahead of print.
PMID: 32515626
185. [Co-delivery of antigens and immunostimulants via a polymersome for improvement of antigen-specific immune response.](#)
Lim JW, Na W, Kim HO, Yeom M, Kang A, Park G, Park C, Ki J, Lee S, Jung B, Jeong HH, Park D, Song D, Haam S. *J Mater Chem B*. 2020 Jun 15. doi: 10.1039/d0tb00892c. Online ahead of print.
PMID: 32538414
186. [Routine immunization coverage in Pakistan: a survey of children under 1 year of age in community-based vaccination areas.](#)
Sreevatsava M, Burman AL, Wahdan A, Safdar RM, O'Leary A, Amjad R, Salam A, Quershi M, Ishaq R, Khan J, Khan J, Parker EPK, Sheikh Mahamud A, Ahmed J. *Vaccine*. 2020 Jun 9;38(28):4399-4404. doi: 10.1016/j.vaccine.2020.04.068. Epub 2020 May 8.
PMID: 32402754
187. [Analysis of HBsAg mutations in the 25 years after the implementation of the hepatitis B vaccination plan in China.](#)
Ye H, Teng J, Lin Z, Wang Y, Fu X. *Virus Genes*. 2020 Jun 15. doi: 10.1007/s11262-020-01773-1. Online ahead of print.
PMID: 32542478
188. [Relative vaccine efficacy of high-dose versus standard-dose influenza vaccines in preventing probable influenza in a Medicare Fee-for-Service population.](#)
Paudel M, Mahmud S, Buikema A, Korrer S, Van Voorhis D, Brekke L, Chit A. *Vaccine*. 2020 Jun 15;38(29):4548-4556. doi: 10.1016/j.vaccine.2020.05.020. Epub 2020 May 20.
PMID: 32446835

189. [Missed opportunities for human papillomavirus vaccination at office visits during which influenza vaccine was administered: An AAP pediatric research in office settings \(PROS\) national primary care research network study.](#)

Kelly MK, Grundmeier RW, Stephens-Shields AJ, Localio R, Shone LP, Wright M, Steffes J, Humiston SG, Rand C, Albertin C, Breck A, Abney DE, McFarland G, Szilagyi PG, Fiks AG. *Vaccine*. 2020 Jun 12:S0264-410X(20)30757-X. doi: 10.1016/j.vaccine.2020.05.090. Online ahead of print. PMID: 32540274

190. [Immune effect of a Newcastle disease virus DNA vaccine with IL-12 as a molecular adjuvant delivered by electroporation.](#)

Xie P, Li Y, Li Y, Liang J, Xiang B, Lin Q, Jin J, Ding C, Xu C, Ren T. *Arch Virol*. 2020 Jun 9:1-10. doi: 10.1007/s00705-020-04669-5. Online ahead of print. PMID: 32519007

191. [Distinct neutralizing antibody correlates of protection among related Zika virus vaccines identify a role for antibody quality.](#)

Maciejewski S, Ruckwardt TJ, Morabito KM, Foreman BM, Burgomaster KE, Gordon DN, Pelc RS, DeMaso CR, Ko SY, Fisher BE, Yang ES, Nair D, Foulds KE, Todd JP, Kong WP, Roy V, Aleshnick M, Speer SD, Bourne N, Barrett AD, Nason MC, Roederer M, Gaudinski MR, Chen GL, Dowd KA, Ledgerwood JE, Alter G, Mascola JR, Graham BS, Pierson TC. *Sci Transl Med*. 2020 Jun 10;12(547):eaaw9066. doi: 10.1126/scitranslmed.aaw9066. PMID: 32522807

192. [Vaccination as a social contract.](#)

Korn L, Böhm R, Meier NW, Betsch C. *Proc Natl Acad Sci U S A*. 2020 Jun 15:201919666. doi: 10.1073/pnas.1919666117. Online ahead of print. PMID: 32541033

193. [The impact of influenza vaccination in patients with cardiovascular disease: an overview of systematic reviews.](#)

Rodrigues BS, Alves M, Duarte GS, Costa J, Pinto FJ, Caldeira D. *Trends Cardiovasc Med*. 2020 Jun 11:S1050-1738(20)30082-7. doi: 10.1016/j.tcm.2020.06.003. Online ahead of print. PMID: 32535214

194. [Vaccination pattern of the 23-valent pneumococcal polysaccharide vaccine \(PPV23\) in Hangzhou, China: a coverage and adverse events following immunization of different age groups.](#)

Liu Y, Xu Y, Wang J, Che X, Gu W, Du J, Zhang X, Zhang X, Jiang W, Chen J, An Z. *Hum Vaccin Immunother*. 2020 Jun 12:1-5. doi: 10.1080/21645515.2020.1765620. Online ahead of print. PMID: 32530728

195. [Impact of a Catch-Up Strategy of DT-IPV Vaccination during Hospitalization on Vaccination Coverage among People Over 65 Years of Age in France: The HOSPIVAC Study \(Vaccination during Hospitalization\).](#)
Blanchi S, Vaux J, Toqué JM, Hery L, Laforest S, Piccoli GB, Crochette N. Vaccines (Basel). 2020 Jun 9;8(2):E292. doi: 10.3390/vaccines8020292.
PMID: 32527049
196. [Local Lung Immune Response to *Mycobacterium bovis* Challenge after BCG and *M. bovis* Heat-Inactivated Vaccination in European Badger \(*Meles meles*\).](#)
Blanco Vázquez C, Prieto M, Barral M, Juste RA, Lesellier S, Salguero FJ, Davé D, Martínez IZ, de Garnica García MG, Casais R, Balseiro A. Pathogens. 2020 Jun 9;9(6):E456. doi: 10.3390/pathogens9060456.
PMID: 32526872
197. [Immunoinformatics and Structural Analysis for Identification of Immunodominant Epitopes in SARS-CoV-2 as Potential Vaccine Targets.](#)
Mukherjee S, Tworowski D, Detroja R, Mukherjee SB, Frenkel-Morgenstern M. Vaccines (Basel). 2020 Jun 9;8(2):E290. doi: 10.3390/vaccines8020290.
PMID: 32526960
198. [Persistence of Neutralizing Antibody Responses Among Yellow Fever Virus 17D Vaccinees Living in a Nonendemic Setting.](#)
Kareko BW, Booty BL, Nix CD, Lyski ZL, Slifka MK, Amanna IJ, Messer WB. J Infect Dis. 2020 Jun 11;221(12):2018-2025. doi: 10.1093/infdis/jiz374.
PMID: 31545367
199. [Metal Nanoparticles in Infection and Immunity.](#)
Crane JK. Immunol Invest. 2020 Jun 11:1-14. doi: 10.1080/08820139.2020.1776724. Online ahead of print.
PMID: 32524902
200. ["I think meningitis is a virus, while septicaemia might be caused by bacteria." A study of vaccination views, disease awareness and MenACWY and MMR uptake among freshers at a London university.](#)
Jones S, Cortina Borja M, Bedford H. Int J Adolesc Med Health. 2020 Jun 10:/ijamh.ahead-of-print/ijamh-2019-0254/ijamh-2019-0254.xml. doi: 10.1515/ijamh-2019-0254. Online ahead of print.
PMID: 32543452
201. [Impact of a Catch-Up Strategy of DT-IPV Vaccination during Hospitalization on Vaccination Coverage among People Over 65 Years of Age in France: The HOSPIVAC Study \(Vaccination during Hospitalization\).](#)
Blanchi S, Vaux J, Toqué JM, Hery L, Laforest S, Piccoli GB, Crochette N. Vaccines (Basel). 2020 Jun 9;8(2):E292. doi: 10.3390/vaccines8020292.
PMID: 32527049

202. [Local Lung Immune Response to *Mycobacterium bovis* Challenge after BCG and *M. bovis* Heat-Inactivated Vaccination in European Badger \(*Meles meles*\).](#)
Blanco Vázquez C, Prieto M, Barral M, Juste RA, Lesellier S, Salguero FJ, Davé D, Martínez IZ, de Garnica García MG, Casais R, Balseiro A. Pathogens. 2020 Jun 9;9(6):E456. doi: 10.3390/pathogens9060456. PMID: 32526872
203. [Immunoinformatics and Structural Analysis for Identification of Immunodominant Epitopes in SARS-CoV-2 as Potential Vaccine Targets.](#)
Mukherjee S, Tworowski D, Detroja R, Mukherjee SB, Frenkel-Morgenstern M. Vaccines (Basel). 2020 Jun 9;8(2):E290. doi: 10.3390/vaccines8020290. PMID: 32526960
204. [Persistence of Neutralizing Antibody Responses Among Yellow Fever Virus 17D Vaccinees Living in a Nonendemic Setting.](#)
Kareko BW, Booty BL, Nix CD, Lyski ZL, Slifka MK, Amanna IJ, Messer WB. J Infect Dis. 2020 Jun 11;221(12):2018-2025. doi: 10.1093/infdis/jiz374. PMID: 31545367
205. [Metal Nanoparticles in Infection and Immunity.](#)
Crane JK. Immunol Invest. 2020 Jun 11:1-14. doi: 10.1080/08820139.2020.1776724. Online ahead of print. PMID: 32524902
206. ["I think meningitis is a virus, while septicaemia might be caused by bacteria." A study of vaccination views, disease awareness and MenACWY and MMR uptake among freshers at a London university.](#)
Jones S, Cortina Borja M, Bedford H. Int J Adolesc Med Health. 2020 Jun 10:/j/ijamh.ahead-of-print/ijamh-2019-0254/ijamh-2019-0254.xml. doi: 10.1515/ijamh-2019-0254. Online ahead of print. PMID: 32543452
207. [An Extended Primer Grip of Picornavirus Polymerase Facilitates Sexual RNA Replication Mechanisms.](#)
Kempf BJ, Watkins CL, Peersen OB, Barton DJ. J Virol. 2020 Jun 10:JVI.00835-20. doi: 10.1128/JVI.00835-20. Online ahead of print. PMID: 32522851
208. [Group B Streptococcus colonization rate and serotype distribution among pregnant women and their newborns at Adama Hospital Medical College, Ethiopia.](#)
Ali MM, Asrat D, Fenta DA, Chaka TE, Woldeamanuel Y. Sci Rep. 2020 Jun 9;10(1):9301. doi: 10.1038/s41598-020-66474-z. PMID: 32518331

209. [Improved protection against *Chlamydia muridarum* using the native major outer membrane protein trapped in Resiquimod-carrying amphipols and effects in protection with addition of a Th1 \(CpG-1826\) and a Th2 \(Montanide ISA 720\) adjuvant.](#)
Tifrea DF, Pal S, le Bon C, Cocco MJ, Zoonens M, de la Maza LM. *Vaccine*. 2020 Jun 9;38(28):4412-4422. doi: 10.1016/j.vaccine.2020.04.065. Epub 2020 Apr 30.
PMID: 32386746
210. [Estimating the contribution of different age strata to vaccine serotype pneumococcal transmission in the pre vaccine era: a modelling study.](#)
Flasche S, Lipsitch M, Ojal J, Pinsent A. *BMC Med*. 2020 Jun 10;18(1):129. doi: 10.1186/s12916-020-01601-1. PMID: 32517683
211. [BTV-14 Infection in Sheep Elicits Viraemia with Mild Clinical Symptoms.](#)
Flannery J, Frost L, Fay P, Hicks H, Henstock M, Smreczak M, Orłowska A, Rajko-Nenow P, Darpel K, Batten C. *Microorganisms*. 2020 Jun 13;8(6):E892. doi: 10.3390/microorganisms8060892.
PMID: 32545731
212. [Immunoproteomics of *Brucella abortus* reveals potential of recombinant antigens for discriminating vaccinated from naturally infected cattle.](#)
Faria AR, Dorneles EMS, Pires SDF, Andrade HM, Lage AP. *Microb Pathog*. 2020 Jun 13:104345. doi: 10.1016/j.micpath.2020.104345. Online ahead of print.
PMID: 32544523
213. [Efficient mucosal vaccination of a novel classical swine fever virus E2-Fc fusion protein mediated by neonatal Fc receptor.](#)
Li J, Li X, Ma H, Ren X, Hao G, Zhang H, Zhao Z, Fang K, Li X, Rong Z, Sun S, Chen H, Qian P. *Vaccine*. 2020 Jun 15;38(29):4574-4583. doi: 10.1016/j.vaccine.2020.05.013. Epub 2020 May 7.
PMID: 32417139
214. [From threat to cure: understanding of virus-induced cell death leads to highly immunogenic oncolytic influenza viruses.](#)
Kabiljo J, Laengle J, Bergmann M. Version 2. *Cell Death Discov*. 2020 Jun 11;6:48. doi: 10.1038/s41420-020-0284-1. eCollection 2020.
PMID: 32542113
215. [Monitoring Neutralization Property Change of Evolving Hantaan and Seoul Viruses with a Novel Pseudovirus-Based Assay.](#)
Ning T, Wang L, Liu S, Ma J, Nie J, Huang W, Li X, Li Y, Wang Y. *Viol Sin*. 2020 Jun 12. doi: 10.1007/s12250-020-00237-y. Online ahead of print.
PMID: 32533414

216. [High level of vaccination and protection against hepatitis B with low rate of HCV infection markers among hospital health care personnel in north of Iran: a cross-sectional study.](#)
Hiva S, Negar K, Mohammad-Reza P, Gholam-Reza G, Mohsen A, Ali-Asghar NG, Mohammed-Jafar S. Version 2. BMC Public Health. 2020 Jun 12;20(1):920. doi: 10.1186/s12889-020-09032-6. PMID: 32532228
217. [Septic Shock and Purpura Fulminans Due to Streptococcus pneumoniae Bacteremia in an Unvaccinated Immunocompetent Adult: Case Report and Review.](#)
Djurdjevic N, Taweeseedt PT, Paulson M, LaNou A, Radovanovic M, Patel JN, Veselinovic M, McDermott WR, Domic I. Am J Case Rep. 2020 Jun 9;21:e923266. doi: 10.12659/AJCR.923266. PMID: 32513908
218. [Strict assembly restriction of peptides from rabbit hemorrhagic disease virus presented by rabbit MHC class I molecule RLA-A1.](#)
Zhang Q, Liu K, Yue C, Zhang D, Lu D, Xiao W, Liu P, Zhao Y, Gao G, Ding C, Lyu J, Liu WJ. J Virol. 2020 Jun 10;JVI.00396-20. doi: 10.1128/JVI.00396-20. Online ahead of print. PMID: 32522857
219. [Novel Corona virus disease infection in Tunisia: Mathematical model and the impact of the quarantine strategy.](#)
Fredj HB, Chérif F. Chaos Solitons Fractals. 2020 Sep;138:109969. doi: 10.1016/j.chaos.2020.109969. Epub 2020 Jun 10. PMID: 32536761
220. [Viral vectored hepatitis C virus vaccines generate pan-genotypic T cell responses to conserved subdominant epitopes.](#)
Donnison T, von Delft A, Brown A, Swadling L, Hutchings C, Hanke T, Chinnakannan S, Barnes E. Vaccine. 2020 Jun 9;S0264-410X(20)30687-3. doi: 10.1016/j.vaccine.2020.05.042. Online ahead of print. PMID: 32532545
221. [Dynamic proteomic analysis of Aedes aegypti Aag-2 cells infected with Mayaro virus.](#)
Vasconcellos AF, Mandacaru SC, de Oliveira AS, Fontes W, Melo RM, de Sousa MV, Resende RO, Charneau S. Parasit Vectors. 2020 Jun 10;13(1):297. doi: 10.1186/s13071-020-04167-2. PMID: 32522239 Free PMC article.
222. [Recent trends in pediatric bacterial meningitis in Japan, 2016-2018 - S. agalactiae has been the most common pathogen.](#)
Shinjoh M, Yamaguchi Y, Furuichi M, Yaginuma M, Takahashi T, Iwata S. J Infect Chemother. 2020 Jun 13;S1341-321X(20)30176-8. doi: 10.1016/j.jiac.2020.05.018. Online ahead of print. PMID: 32546331

223. [Bioinformatics analysis of candidate proteins Omp2b, P39 and BLS for Brucella multivalent epitope vaccines.](#)
Sha T, Li Z, Zhang C, Zhao X, Chen Z, Zhang F, Ding J. Microb Pathog. 2020 Jun 9:104318. doi: 10.1016/j.micpath.2020.104318. Online ahead of print.
PMID: 32531499
224. [Group Testing-Based Robust Algorithm for Diagnosis of COVID-19.](#)
Seong JT. Diagnostics (Basel). 2020 Jun 11;10(6):E396. doi: 10.3390/diagnostics10060396.
PMID: 32545224
225. [Immunotargeting of the xCT cystine/glutamate antiporter potentiates the efficacy of Her2-targeted immunotherapies in breast cancer.](#)
Conti L, Bolli E, Di Lorenzo A, Franceschi V, Macchi F, Riccardo F, Ruiu R, Russo L, Quagliano E, Donofrio G, Cavallo F. Cancer Immunol Res. 2020 Jun 12:canimm.0082.2020. doi: 10.1158/2326-6066.CIR-20-0082.
Online ahead of print.
PMID: 32532810
226. [Development of a DNA Vaccine for Melanoma Metastasis by Inhalation Based on an Analysis of Transgene Expression Characteristics of Naked pDNA and a Ternary Complex in Mouse Lung Tissues.](#)
Kodama Y, Nakashima M, Nagahara T, Oyama N, Hashizume J, Nakagawa H, Harasawa H, Muro T, Kurosaki T, Yamashita C, Hashida M, Kitahara T, Sasaki H, Kawakami S, Nakamura T. Pharmaceutics. 2020 Jun 11;12(6):E540. doi: 10.3390/pharmaceutics12060540.
PMID: 32545209
227. [Evaluation of the protective potential of antibody and T cell responses elicited by a novel preventative vaccine towards respiratory syncytial virus small hydrophobic protein.](#)
Torrey HL, Kaliaperumal V, Bramhecha Y, Weir GM, Falsey AR, Walsh EE, Langley JM, Schepens B, Saelens X, Stanford MM. Hum Vaccin Immunother. 2020 Jun 12:1-11. doi: 10.1080/21645515.2020.1756671. Online ahead of print.
PMID: 32530723
228. [Impaired T cell responses in domestic pigs and wild boar upon infection with a highly virulent African swine fever virus strain.](#)
Hühr J, Schäfer A, Schwaiger T, Zani L, Sehl J, Mettenleiter TC, Blome S, Blohm U. Transbound Emerg Dis. 2020 Jun 12. doi: 10.1111/tbed.13678. Online ahead of print. PMID: 32530090
229. [HIV-1 pol gene diversity and molecular dating of subtype C from Sri Lanka.](#)
Patil A, Elwitigala JP, Rajapaksa L, Gangakhedkar R, Chaturbhuj D, Pendse R, Rajapaksha DI, Rewari BB, Malliawadu N, Jayamanna K, Dombawela D, Kurle S. PLoS One. 2020 Jun 11;15(6):e0234133. doi: 10.1371/journal.pone.0234133. eCollection 2020.
PMID: 32525892

230. [Silencing Adenosine A2a Receptor Enhances Dendritic Cell-Based Cancer Immunotherapy.](#)
Masjedi A, Ahmadi A, Ghani S, Malakotikhah F, Afjadi MN, Irandoust M, Kiani FK, Asl SH, Atyabi F, Hassannia H, Hojjat-Farsangi M, Namdar A, Ghalamfarsa G, Jadidi-Niaragh F. *Nanomedicine*. 2020 Jun 15;102240. doi: 10.1016/j.nano.2020.102240. Online ahead of print.
PMID: 32553948
231. [Porcine circovirus type 2 \(PCV2\) genotyping in Austrian pigs in the years 2002 to 2017.](#)
Weissenbacher-Lang C, Kristen T, Mendel V, Brunthaler R, Schwarz L, Weissenböck H. *BMC Vet Res*. 2020 Jun 15;16(1):198. doi: 10.1186/s12917-020-02413-4.
PMID: 32539835
232. [Restoration of MHC-I on Tumor Cells by Fhit Transfection Promotes Immune Rejection and Acts as an Individualized Immunotherapeutic Vaccine.](#)
Pulido M, Chamorro V, Romero I, Algarra I, S-Montalvo A, Collado A, Garrido F, Garcia-Lora AM. *Cancers (Basel)*. 2020 Jun 12;12(6):E1563. doi: 10.3390/cancers12061563.
PMID: 32545680
233. [A novel particulate delivery system based on antigen-Zn²⁺ coordination interactions enhances stability and cellular immune response of inactivated foot and mouth disease virus.](#)
Li S, Yang Y, Lin X, Li Z, Ma G, Su Z, Zhang S. *Mol Pharm*. 2020 Jun 15. doi: 10.1021/acs.molpharmaceut.0c00365. Online ahead of print.
PMID: 32539415
234. [The WetNet: What the Oral Polio Vaccine Hypothesis Exposes about Globalized Interspecies Fluid Bonds.](#)
Jain SL. *Med Anthropol Q*. 2020 Jun 12. doi: 10.1111/maq.12587. Online ahead of print.
PMID: 32529703
235. [Cutting Edge: TNF Is Essential for Mycobacteria-Induced MINCLE Expression, Macrophage Activation, and Th17 Adjuvanticity.](#)
Schick J, Schäfer J, Alexander C, Dichtl S, Murray PJ, Christensen D, Sorg U, Pfeffer K, Schleicher U, Lang R. *J Immunol*. 2020 Jun 15;jj2000420. doi: 10.4049/jimmunol.2000420. Online ahead of print.
PMID: 32540999
236. [Ten challenging questions about SARS-CoV-2 and COVID-19.](#)
Teymoori-Rad M, Samadzadeh S, Tabarraei A, Moradi A, Shahbaz MB, Tahamtan A. *Expert Rev Respir Med*. 2020 Jun 13. doi: 10.1080/17476348.2020.1782197. Online ahead of print.
PMID: 32536226

237. [Use of personal protective equipment against coronavirus disease 2019 by healthcare professionals in Wuhan, China: cross sectional study.](#)
Liu M, Cheng SZ, Xu KW, Yang Y, Zhu QT, Zhang H, Yang DY, Cheng SY, Xiao H, Wang JW, Yao HR, Cong YT, Zhou YQ, Peng S, Kuang M, Hou FF, Cheng KK, Xiao HP. *BMJ*. 2020 Jun 10;369:m2195. doi: 10.1136/bmj.m2195. PMID: 32522737
238. [Tumor membrane-based vaccine immunotherapy in combination with anti-CTLA-4 antibody confers protection against immune checkpoint resistant murine triple-negative breast cancer.](#)
Pack CD, Bommireddy R, Munoz LE, Patel JM, Bozeman EN, Dey P, Radhakrishnan V, Vartabedian VF, Venkat K, Ramachandiran S, Reddy SJC, Selvaraj P. *Hum Vaccin Immunother*. 2020 Jun 12:1-10. doi: 10.1080/21645515.2020.1754691. Online ahead of print. PMID: 32530786
239. [Intussusception in children aged under two years in India: Retrospective surveillance at nineteen tertiary care hospitals.](#)
Das MK, Arora NK, Gupta B, Sharan A, Kameswari K, Padmalatha P, Prasad GR, Shad J, Shyamala J, Harish Kumar S, Nagender Y, Sharmila K, Shad R, Garge S, Bharadia L, Gupta A, Goswami JK, Lahiri K, Sankhe L, Mane S, Patwari YP, Ajayakumar MK, Santhosh Kumar A, Sarangi R, Tripathy BB, Mohapatra SSG, Sahoo SK, Kumar V, Kumar R, Sarkar S, Sarkar R, Sarkar NR, Wakhlu A, Ratan SK, Dubey AP, Mohan N, Luthra M, Vyas BR, Trivedi H, Mathai J, Sam CJ, Jothilakshmi K, Arunachalam P, Bhat JI, Mufti G, Charoo BA, Jena PK, Debbarma SK, Ghosh SK, Aggarwal MK, Haldar P, Zuber PLF, Maure C, Bonhoeffer J, Ray A. *Vaccine*. 2020 Jun 15:S0264-410X(20)30563-6. doi: 10.1016/j.vaccine.2020.04.059. Online ahead of print. PMID: 32553492
240. [Timely completion of vaccination and its determinants among children in northwest, Ethiopia: a multilevel analysis.](#)
Mekonnen ZA, Gelaye KA, Were MC, Tilahun B. *BMC Public Health*. 2020 Jun 11;20(1):908. doi: 10.1186/s12889-020-08935-8. PMID: 32527248
241. [A novel particulate delivery system based on antigen-Zn²⁺ coordination interactions enhances stability and cellular immune response of inactivated foot and mouth disease virus.](#)
Li S, Yang Y, Lin X, Li Z, Ma G, Su Z, Zhang S. *Mol Pharm*. 2020 Jun 15. doi: 10.1021/acs.molpharmaceut.0c00365. Online ahead of print. PMID: 32539415
242. [Cutting Edge: TNF Is Essential for Mycobacteria-Induced MINCLE Expression, Macrophage Activation, and Th17 Adjuvanticity.](#)
Schick J, Schäfer J, Alexander C, Dichtl S, Murray PJ, Christensen D, Sorg U, Pfeffer K, Schleicher U, Lang R. *J Immunol*. 2020 Jun 15;ji2000420. doi: 10.4049/jimmunol.2000420. Online ahead of print. PMID: 32540999

243. [Ten challenging questions about SARS-CoV-2 and COVID-19.](#)
Teymoori-Rad M, Samadizadeh S, Tabarraei A, Moradi A, Shahbaz MB, Tahamtan A. Expert Rev Respir Med. 2020 Jun 13. doi: 10.1080/17476348.2020.1782197. Online ahead of print.
PMID: 32536226
244. [Use of personal protective equipment against coronavirus disease 2019 by healthcare professionals in Wuhan, China: cross sectional study.](#)
Liu M, Cheng SZ, Xu KW, Yang Y, Zhu QT, Zhang H, Yang DY, Cheng SY, Xiao H, Wang JW, Yao HR, Cong YT, Zhou YQ, Peng S, Kuang M, Hou FF, Cheng KK, Xiao HP. BMJ. 2020 Jun 10;369:m2195. doi: 10.1136/bmj.m2195.
PMID: 32522737
245. [Tumor membrane-based vaccine immunotherapy in combination with anti-CTLA-4 antibody confers protection against immune checkpoint resistant murine triple-negative breast cancer.](#)
Pack CD, Bommireddy R, Munoz LE, Patel JM, Bozeman EN, Dey P, Radhakrishnan V, Vartabedian VF, Venkat K, Ramachandiran S, Reddy SJC, Selvaraj P. Hum Vaccin Immunother. 2020 Jun 12:1-10. doi: 10.1080/21645515.2020.1754691. Online ahead of print.
PMID: 32530786
246. [Intussusception in children aged under two years in India: Retrospective surveillance at nineteen tertiary care hospitals.](#)
Das MK, Arora NK, Gupta B, Sharan A, Kameswari K, Padmalatha P, Prasad GR, Shad J, Shyamala J, Harish Kumar S, Nagender Y, Sharmila K, Shad R, Garge S, Bharadia L, Gupta A, Goswami JK, Lahiri K, Sankhe L, Mane S, Patwari YP, Ajayakumar MK, Santhosh Kumar A, Sarangi R, Tripathy BB, Mohapatra SSG, Sahoo SK, Kumar V, Kumar R, Sarkar S, Sarkar R, Sarkar NR, Wakhlu A, Ratan SK, Dubey AP, Mohan N, Luthra M, Vyas BR, Trivedi H, Mathai J, Sam CJ, Jothilakshmi K, Arunachalam P, Bhat JI, Mufti G, Charoo BA, Jena PK, Debbarma SK, Ghosh SK, Aggarwal MK, Haldar P, Zuber PLF, Maure C, Bonhoeffer J, Ray A. Vaccine. 2020 Jun 15:S0264-410X(20)30563-6. doi: 10.1016/j.vaccine.2020.04.059. Online ahead of print.
PMID: 32553492
247. [Timely completion of vaccination and its determinants among children in northwest, Ethiopia: a multilevel analysis.](#)
Mekonnen ZA, Gelaye KA, Were MC, Tilahun B. BMC Public Health. 2020 Jun 11;20(1):908. doi: 10.1186/s12889-020-08935-8.
PMID: 32527248
248. [May rotavirus vaccine be affect food allergy prevalence?](#)
Karakaş NM, Arslan A, Atalay E, Ayli I, Bağcı ZI, Cesaretli S, Köksal BT, Yılmaz Özbek Ö. Hum Vaccin Immunother. 2020 Jun 12:1-5. doi: 10.1080/21645515.2020.1732167. Online ahead of print.
PMID: 32530362

249. [Polymeric nanostructure vaccines: applications and challenges.](#)
Simón-Vázquez R, Peleteiro M, González-Fernández Á. Expert Opin Drug Deliv. 2020 Jun 10:1-17. doi: 10.1080/17425247.2020.1776259. Online ahead of print.
PMID: 32476491
250. [Boceprevir, GC-376, and calpain inhibitors II, XII inhibit SARS-CoV-2 viral replication by targeting the viral main protease.](#)
Ma C, Sacco MD, Hurst B, Townsend JA, Hu Y, Szeto T, Zhang X, Tarbet B, Marty MT, Chen Y, Wang J. Cell Res. 2020 Jun 15:1-15. doi: 10.1038/s41422-020-0356-z. Online ahead of print.
PMID: 32541865
251. [Passive Immunity for Coronavirus Disease 2019: A Commentary on Therapeutic Aspects Including Convalescent Plasma.](#)
Lindholm PF, Ramsey G, Kwaan HC. Semin Thromb Hemost. 2020 Jun 11. doi: 10.1055/s-0040-1712157. Online ahead of print.
PMID: 32526774
252. [The Improbability of the Rapid Development of a Vaccine for SARS-CoV-2.](#)
Morris KV. Mol Ther. 2020 Jun 12:S1525-0016(20)30295-1. doi: 10.1016/j.ymthe.2020.06.005. Online ahead of print.
PMID: 32533920
253. [The pseudorabies virus R2 non-neuroinvasive vaccine: A proof-of-concept study in pigs.](#)
Pickard GE, Brodersen B, Sollars PJ, Smith GA. Vaccine. 2020 Jun 15;38(29):4524-4528. doi: 10.1016/j.vaccine.2020.05.002. Epub 2020 May 22.
PMID: 32448623
254. [Shielding and Beyond: The Roles of Glycans in SARS-CoV-2 Spike Protein.](#)
Casalino L, Gaieb Z, Dommer AC, Harbison AM, Fogarty CA, Barros EP, Taylor BC, Fadda E, Amaro RE. bioRxiv. 2020 Jun 11:2020.06.11.146522. doi: 10.1101/2020.06.11.146522. Preprint.
PMID: 32577644
255. [Cis-acting sequences and secondary structures in untranslated regions of duck Tembusu virus RNA are important for cap-independent translation and viral proliferation.](#)
Wang T, Merits A, Wu Y, Wang M, Jia R, Zhu D, Liu M, Zhao X, Yang Q, Wu Y, Zhang S, Liu Y, Zhang L, Yu Y, Pan L, Chen S, Cheng A. J Virol. 2020 Jun 10:JVI.00906-20. doi: 10.1128/JVI.00906-20. Online ahead of print.
PMID: 32522848

256. [Whole exome sequencing reveals the different responsiveness to Enterovirus 71 vaccination in Chinese children.](#)
Zhang L, Yu C, Ge Z, Tao H, Meng F, Xu X, Tian T, Song C, Hu Z, Li J, Zhu F. *Int J Infect Dis.* 2020 Jun 10;97:47-53. doi: 10.1016/j.ijid.2020.06.008. Online ahead of print. PMID: 32531432
257. [High genomic-based predicted strain coverage among invasive meningococcal isolates when combining Bexsero and Trumenba vaccines.](#)
Säll O, Olofsson E, Jacobsson S. *Vaccine.* 2020 Jun 9;38(28):4374-4378. doi: 10.1016/j.vaccine.2020.04.074. Epub 2020 May 12. PMID: 32414653
258. [The quest to find an effective vaccine for COVID-19.](#)
Glasper A. *Br J Nurs.* 2020 Jun 11;29(11):644-646. doi: 10.12968/bjon.2020.29.11.644. PMID: 32516041
259. [Influence of pneumococcal vaccination on the hospitalization of healthy pediatric patients due to typical community-acquired pneumonia.](#)
Valdivielso Martínez AI, Ramos Fernández JM, Pérez Frías J, Moreno Pérez D. *Int J Infect Dis.* 2020 Jun 14:S1201-9712(20)30469-0. doi: 10.1016/j.ijid.2020.06.034. Online ahead of print. PMID: 32553718
260. [Preclinical in vitro and in vivo profile of a highly-attenuated, broadly efficacious pneumolysin genetic toxoid.](#)
Thanawastien A, Joyce KE, Cartee RT, Haines LA, Pelton SI, Tweten RK, Killeen KP. *Vaccine.* 2020 Jun 9:S0264-410X(20)30581-8. doi: 10.1016/j.vaccine.2020.04.064. Online ahead of print. PMID: 32532546
261. [Impact of state weights on national vaccination coverage estimates from household surveys in Nigeria.](#)
Dong TQ, Rhoda DA, Mercer LD. *Vaccine.* 2020 Jun 9:S0264-410X(20)30645-9. doi: 10.1016/j.vaccine.2020.05.026. Online ahead of print. PMID: 32532542
262. [When a COVID-19 vaccine is ready, will we all be ready for it?](#)
Fadda M, Albanese E, Suggs LS. *Int J Public Health.* 2020 Jun 11:1-2. doi: 10.1007/s00038-020-01404-4. Online ahead of print. PMID: 32529534
263. [High overall confidence in childhood vaccination in Norway, slightly lower among the unemployed and those with a lower level of education.](#)
Steens A, Stefanoff P, Daae A, Vestrheim DF, Riise Bergsaker MA. *Vaccine.* 2020 Jun 15;38(29):4536-4541. doi: 10.1016/j.vaccine.2020.05.011. Epub 2020 May 21. PMID: 32448621

264. [T cell immunity rather than antibody mediates cross-protection against Zika virus infection conferred by a live attenuated Japanese encephalitis SA14-14-2 vaccine.](#)
Wang R, Zhen Z, Turtle L, Hou B, Li Y, Wu N, Gao N, Fan D, Chen H, An J. Appl Microbiol Biotechnol. 2020 Jun 15. doi: 10.1007/s00253-020-10710-z. Online ahead of print.
PMID: 32556415
265. [Citizens' juries give verdict on whether private practice veterinarians should attend unvaccinated Hendra virus suspect horses.](#)
Annand EJ, Reid PA, Johnson J, Gilbert GL, Taylor M, Walsh M, Ward MP, Wilson A, Degeling C. Aust Vet J. 2020 Jun 11. doi: 10.1111/avj.12957. Online ahead of print.
PMID: 32529687
266. [Immune Response to Vaccination in Children and Young People with Inflammatory Bowel Disease: A Systematic Review and Meta-Analysis.](#)
Dembiński Ł, Dziekiewicz M, Banaszkiwicz A. J Pediatr Gastroenterol Nutr. 2020 Jun 15. doi: 10.1097/MPG.0000000000002810. Online ahead of print.
PMID: 32558670
267. [Diphtheria, tetanus and pertussis: unequal vaccine siblings with distinct characteristics.](#)
Heininger U. Clin Infect Dis. 2020 Jun 9:ciaa643. doi: 10.1093/cid/ciaa643. Online ahead of print.
PMID: 32516807
268. [Increasing healthcare workers' uptake of seasonal influenza vaccination in a tertiary-care pediatric hospital in Greece with a low-cost, tailor-made, multifaceted strategy.](#)
Kopsidas I, Tsopele GC, Maroudi-Manta S, Kourkouni E, Charalampopoulos D, Sirogianni A, Collins ME, Lourida A, Kourlaba G, Zaoutis TE, Coffin SE. Vaccine. 2020 Jun 15;38(29):4609-4615. doi: 10.1016/j.vaccine.2020.05.021. Epub 2020 May 16.
PMID: 32430148
269. [Clinical characteristics of children and adults with anti-N-methyl-D-aspartate receptor encephalitis.](#)
Norioka R, Kumada S, Tobisawa S, Tsuyusaki Y, Isozaki E. Clin Neurol Neurosurg. 2020 Jun 12;196:106015. doi: 10.1016/j.clineuro.2020.106015. Online ahead of print.
PMID: 32574966
270. [A GM-CSF-neuroantigen tolerogenic vaccine elicits inefficient antigen recognition events below the CD40L triggering threshold to expand CD4⁺ CD25⁺ FOXP3⁺ Tregs that inhibit experimental autoimmune encephalomyelitis \(EAE\).](#)
Moorman CD, Bastian AG, DeOca KB, Mannie MD. J Neuroinflammation. 2020 Jun 10;17(1):180. doi: 10.1186/s12974-020-01856-8.
PMID: 32522287

271. [Duration of immunity against heterologous porcine parvovirus 1 challenge in gilts immunized with a novel subunit vaccine based on the viral protein 2.](#)
Garcia-Morante B, Noguera M, Klocke S, Sommer K, Bridger P. BMC Vet Res. 2020 Jun 9;16(1):184. doi: 10.1186/s12917-020-02394-4. PMID: 32517691
272. [Inhibitory effects of piceatannol on human cytomegalovirus \(hCMV\) in vitro.](#)
Wang SY, Zhang J, Xu XG, Su HL, Xing WM, Zhang ZS, Jin WH, Dai JH, Wang YZ, He XY, Sun C, Yan J, Mao GX. J Microbiol. 2020 Jun 10. doi: 10.1007/s12275-020-9528-2. Online ahead of print. PMID: 32524342
273. [\[Development and achievements regarding the prevention and control of cervical cancer in the last 20 years in China\].](#)
Zhang SK, Zhao FH, Qiao YL. Zhonghua Liu Xing Bing Xue Za Zhi. 2020 Jun 10;41(6):809-812. doi: 10.3760/cma.j.cn112338-20191203-00849. PMID: 32564540
274. [U-Omp19 from Brucella abortus increases dmLT immunogenicity and improves protection against Escherichia coli heat-labile toxin \(LT\) oral challenge.](#)
Coria LM, Martinez FL, Bruno LA, Pasquevich KA, Cassataro J. Vaccine. 2020 Jun 11:S0264-410X(20)30670-8. doi: 10.1016/j.vaccine.2020.05.039. Online ahead of print. PMID: 32536545
275. [Lead Optimization of Second-Generation Acridones as Broad-Spectrum Antimalarials.](#)
Kancharla P, Dodean RA, Li Y, Pou S, Pybus B, Melendez V, Read L, Bane CE, Vesely B, Kreishman-Deitrick M, Black C, Li Q, Sciotti RJ, Olmeda R, Luong TL, Gaona H, Potter B, Sousa J, Marcsisin S, Caridha D, Xie L, Vuong C, Zeng Q, Zhang J, Zhang P, Lin H, Butler K, Roncal N, Gaynor-Ohnstad L, Leed SE, Nolan C, Ceja FG, Rasmussen SA, Tumwebaze PK, Rosenthal PJ, Mu J, Bayles BR, Cooper RA, Reynolds KA, Smilkstein MJ, Riscoe MK, Kelly JX. J Med Chem. 2020 Jun 11;63(11):6179-6202. doi: 10.1021/acs.jmedchem.0c00539. Epub 2020 May 26. PMID: 32390431
276. [Muscle destruction caused by coxsackievirus A10 in gerbils: construction of a novel animal model for antiviral evaluation.](#)
Chen C, Xia Y, Zhu S, Xu F, Sun Y, Lu H, Gao M, Yang Z, Mao Z, Ge Q, Miao Z, Zhu H, Yao P. Virus Res. 2020 Jun 15:198067. doi: 10.1016/j.virusres.2020.198067. Online ahead of print. PMID: 32553610
277. [Salmonella Enteritidis ghost vaccine carrying the hemagglutinin globular head \(HA1\) domain from H1N1 virus protects against salmonellosis and influenza in chickens.](#)
Won G, Senevirathne A, Lee JH. Vaccine. 2020 Jun 9;38(28):4387-4394. doi: 10.1016/j.vaccine.2020.04.077. Epub 2020 May 10. PMID: 32402750

278. [Trends in measles cases in Bayelsa state, Nigeria: a five-year review of case-based surveillance data \(2014-2018\).](#)
Aworabhi-Oki N, Numbere T, Balogun MS, Usman A, Utulu R, Ebere N, Omubo W, Stow J, Abba S, Olorukooba A. BMC Public Health. 2020 Jun 15;20(1):938. doi: 10.1186/s12889-020-09070-0. PMID: 32539691
279. [Click chemistry compared to thiol chemistry for the synthesis of site-selective glycoconjugate vaccines using CRM₁₉₇ as carrier protein.](#)
Stefanetti G, Allan M, Usera A, Micoli F. Glycoconj J. 2020 Jun 13. doi: 10.1007/s10719-020-09930-2. Online ahead of print. PMID: 32535667
280. [Evaluation of the protective efficacy of a Leishmania protein associated with distinct adjuvants against visceral leishmaniasis and in vitro immunogenicity in human cells.](#)
Ribeiro PAF, Dias DS, Lage DP, Mendonça DVC, Vale DL, Ramos FF, Carvalho LM, Carvalho AMRS, Steiner BT, Roque MC, Oliveira-da-Silva JA, Oliveira JS, Tavares GSV, Martins VT, Chávez-Fumagalli MA, Roatt BM, Moreira RLF, Menezes-Souza D, Duarte MC, Oliveira MC, Machado-de-Ávila RA, Teixeira AL, Coelho EAF. Parasitol Res. 2020 Jun 13. doi: 10.1007/s00436-020-06752-x. Online ahead of print. PMID: 32535734
281. [Transcriptional control of the gonococcal ompA gene by the MisR/MisS two-component regulatory system.](#)
Holley CL, Ayala JC, Shafer WM. Sci Rep. 2020 Jun 10;10(1):9425. doi: 10.1038/s41598-020-66382-2. PMID: 32523077
282. [Assessing the Knowledge, Attitudes, and Practices Regarding Sexually Transmitted Infections Among College Students in a Rural Midwest Setting.](#)
McMann N, Trout KE. J Community Health. 2020 Jun 12. doi: 10.1007/s10900-020-00855-3. Online ahead of print. PMID: 32533286
283. [Infant antibody levels following 10-valent pneumococcal-protein D conjugate and DTaP-Hib vaccinations in the first year of life after maternal Tdap vaccination: An open-label, parallel, randomised controlled trial.](#)
Barug D, Berbers GAM, van Houten MA, Kuijter M, Pronk I, Knol MJ, Sanders EAM, Rots NY. Vaccine. 2020 Jun 15;38(29):4632-4639. doi: 10.1016/j.vaccine.2020.04.001. Epub 2020 May 21. PMID: 32448624
284. [The Stronger Downregulation of *in vitro* and *in vivo* Innate Antiviral Responses by a Very Virulent Strain of Infectious Bursal Disease Virus \(IBDV\), Compared to a Classical Strain, Is Mediated, in Part, by the VP4 Protein.](#)

Dulwich KL, Asfor A, Gray A, Giotis ES, Skinner MA, Broadbent AJ. *Front Cell Infect Microbiol.* 2020 Jun 9;10:315. doi: 10.3389/fcimb.2020.00315. eCollection 2020.

PMID: 32582573

285. [Identification of Immunogenic Antigens of *Naegleria fowleri* Adjuvanted by Cholera Toxin.](#)

Rojas-Hernández S, Gutiérrez-Sánchez M, Rojas-Ortega DA, Bonilla-Lemus P, Contis-Montes de Oca A, Herrera-Díaz J, López-Reyes I, Carrasco-Yépez MM. *Pathogens.* 2020 Jun 10;9(6):E460. doi: 10.3390/pathogens9060460.

PMID: 32531943

286. [Measles vaccination of young infants in China: A cost-effectiveness analysis.](#)

Janusz CB, Wagner AL, Masters NB, Ding Y, Zhang Y, Hutton DW, Boulton ML. *Vaccine.* 2020 Jun 15;38(29):4616-4624. doi: 10.1016/j.vaccine.2020.04.079. Epub 2020 May 22.

PMID: 32451210

287. [Human CLEC9A antibodies deliver Wilms' tumor 1 \(WT1\) antigen to CD141⁺ dendritic cells to activate naïve and memory WT1-specific CD8⁺ T cells.](#)

Pearson FE, Tullett KM, Leal-Rojas IM, Haigh OL, Masterman KA, Walpole C, Bridgeman JS, McLaren JE, Ladell K, Miners K, Llewellyn-Lacey S, Price DA, Tunger A, Schmitz M, Miles JJ, Lahoud MH, Radford KJ. *Clin Transl Immunology.* 2020 Jun 12;9(6):e1141. doi: 10.1002/cti2.1141. eCollection 2020.

PMID: 32547743

288. [Elevated CXCL10 serum levels in Measles virus primary infection and reinfection correlate with the serological stage and hospitalization status.](#)

Semmler G, Griebler H, Aberle SW, Stiasny K, Richter L, Holzmann H, Weseslindtner L. *J Infect Dis.* 2020 Jun 9;jiaa326. doi: 10.1093/infdis/jiaa326. Online ahead of print.

PMID: 32515478

289. [A 8- year Bangladeshi girl with disseminated histoplasmosis, presented as chronic liver disease with portal hypertension: a rare case report.](#)

Nahar L, Benzamin M, Sarkar N, Roy U, Nahar K, Rukunuzzaman M, Nahid KL, Karim ASMB, Dey BP. *BMC Pediatr.* 2020 Jun 9;20(1):284. doi: 10.1186/s12887-020-02189-4.

PMID: 32513141

290. [Computational Model Reveals a Stochastic Mechanism behind Germinal Center Clonal Bursts.](#)

Pélissier A, Akrouf Y, Jahn K, Kuipers J, Klein U, Beerenwinkel N, Rodríguez Martínez M. *Cells.* 2020 Jun 10;9(6):E1448. doi: 10.3390/cells9061448.

PMID: 32532145

291. [Adjuvant VACCination against HPV in surgical treatment of Cervical Intra-epithelial Neoplasia \(VACCIN study\) a study protocol for a randomised controlled trial.](#)

van de Laar RLO, Hofhuis W, Duijnhoven RG, Polinder S, Melchers WJG, van Kemenade FJ, Bekkers RLM, Van Beekhuizen HJ. BMC Cancer. 2020 Jun 9;20(1):539. doi: 10.1186/s12885-020-07025-7.

PMID: 32517663

Free PMC article.

292. [Review of pediatric encephalitis and encephalopathy cases following immunization reported to the Canadian Immunization Monitoring Program Active \(IMPACT\) from 1992 to 2012.](#)

Tam J, Tran D, Bettinger JA, Moore D, Sauv e L, Jadavji T, Tan B, Vaudry W, Halperin SA, Top KA; Canadian Immunization Monitoring Program Active Investigators. Vaccine. 2020 Jun 9;38(28):4457-4463. doi: 10.1016/j.vaccine.2020.04.035. Epub 2020 May 12.

PMID: 32414652

293. [Characterization of Hepatitis B Surface Antigen Loaded Polylactic Acid-Based Microneedle and Its Dermal Safety Profile.](#)

Na YG, Kim M, Han M, Huh HW, Kim JS, Kim JC, Park JH, Lee HK, Cho CW. Pharmaceutics. 2020 Jun 9;12(6):E531. doi: 10.3390/pharmaceutics12060531.

PMID: 32527003

294. [Accessibility of O Antigens Shared between *Salmonella* Serovars Determines Antibody-Mediated Cross-Protection.](#)

Ahmed A, Akhade AS, Qadri A. J Immunol. 2020 Jun 15;jj1900624. doi: 10.4049/jimmunol.1900624. Online ahead of print.

PMID: 32540995

295. [\[Imported B3 genotype measles virus isolated in Fujian province\].](#)

Li D, Yang XH, Zhang SH, Pan WY, Zhou Y, Chen ZF, Wu RH. Zhonghua Liu Xing Bing Xue Za Zhi. 2020 Jun 10;41(6):946-951. doi: 10.3760/cma.j.cn112338-20190815-00599.

PMID: 32564565

296. [Impact of the National Perinatal Hepatitis B Prevention Programme in the Republic of Korea: A retrospective registry-based cohort study.](#)

Yang TU, Jung CW, Kim D, Park HA, Jee Y. Vaccine. 2020 Jun 12:S0264-410X(20)30689-7. doi: 10.1016/j.vaccine.2020.05.044. Online ahead of print.

PMID: 32540270

297. [Sofosbuvir as a potential alternative to treat the SARS-CoV-2 epidemic.](#)

J acome R, Campillo-Balderas JA, Ponce de Le on S, Becerra A, Lazcano A. Sci Rep. 2020 Jun 9;10(1):9294. doi: 10.1038/s41598-020-66440-9.

PMID: 32518317

298. [Aetiology of bacterial meningitis in infants aged <90 days: prospective surveillance in Luanda, Angola.](#)
Pelkonen T, Urtti S, Anjos ED, Cardoso O, de Gouveia L, Roine I, Peltola H, von Gottberg A, Kyaw MH. Int J Infect Dis. 2020 Jun 10:S1201-9712(20)30454-9. doi: 10.1016/j.ijid.2020.06.016. Online ahead of print. PMID: 32534141
299. [Intralesional antigen immunotherapy for the treatment of plane warts: A comparative study.](#)
Fawzy MM, Nofal A, Alakad R. Dermatol Ther. 2020 Jun 12:e13807. doi: 10.1111/dth.13807. Online ahead of print. PMID: 32530550
300. [Antigenic membrane proteins of virulent variant of *Entamoeba histolytica* HM-1:IMSS.](#)
Kumarasamy G, Abdus Sani AA, Olivos-García A, Noordin R, Othman N. Pathog Glob Health. 2020 Jun 15:1-10. doi: 10.1080/20477724.2020.1780402. Online ahead of print. PMID: 32536281
301. [Australia: an island in a sea of measles.](#)
Williamson KM, Merritt T, Durrheim DN. Med J Aust. 2020 Jun 14. doi: 10.5694/mja2.50650. Online ahead of print. PMID: 32535928
302. [Synthesis, admetSAR predictions, DPPH radical scavenging activity and potent anti-mycobacterial studies of hydrazones of substituted 4-\(anilinomethyl\)benzohydrazides \(Part 2\).](#)
Desale VJ, Mali SN, Thorat BR, Yamgar RS. Curr Comput Aided Drug Des. 2020 Jun 15. doi: 10.2174/1573409916666200615141047. Online ahead of print. PMID: 32538732
303. [Measuring the cellular memory B cell response after vaccination in patients after allogeneic stem cell transplantation.](#)
Winkler J, Tittlbach H, Schneider A, Buchstaller C, Mayr A, Vasova I, Roesler W, Mach M, Mackensen A, Winkler TH. Ann Hematol. 2020 Jun 9. doi: 10.1007/s00277-020-04072-9. Online ahead of print. PMID: 32519092
304. [Immunopotential of the engineered low-molecular-weight pilin targeting *Pseudomonas aeruginosa*: A combination of immunoinformatics investigation and active immunization.](#)
Ahmadbeigi Y, Chirani AS, Soleimani N, Mahdavi M, Goudarzi M. Mol Immunol. 2020 Jun 12;124:70-82. doi: 10.1016/j.molimm.2020.05.009. Online ahead of print. PMID: 32540517

305. [Coupling Microscopy and Flow Cytometry for a Comprehensive Characterization of Nanoparticle Production in Insect Cells.](#)
Puente-Massaguer E, Saccardo P, Ferrer-Miralles N, Lecina M, Gòdia F. Cytometry A. 2020 Jun 9. doi: 10.1002/cyto.a.24033. Online ahead of print.
PMID: 32515126
306. [Varying starch to fat ratios in pelleted diets: I. Effects on nutrient digestibility and production performance in *Eimeria*-challenged broiler chickens.](#)
Itani K, Granstad S, Kaldhusdal M, Mydland LT, Svihus B. Br Poult Sci. 2020 Jun 15. doi: 10.1080/00071668.2020.1782349. Online ahead of print.
PMID: 32538137
307. [Is it time to re-evaluate the priority for a WN vaccine.](#)
Barrett ADT. Clin Infect Dis. 2020 Jun 11:ciaa744. doi: 10.1093/cid/ciaa744. Online ahead of print.
PMID: 32526009
308. [Assessment of risk of intussusception after pilot rollout of rotavirus vaccine in the Indian public health system.](#)
Early Rollout of ROTAVAC@India Network. Vaccine. 2020 Jun 15:S0264-410X(20)30760-X. doi: 10.1016/j.vaccine.2020.05.093. Online ahead of print.
PMID: 32553493
309. [Using negative control outcomes to assess the comparability of treatment groups among women with osteoporosis in the United States.](#)
McGrath LJ, Spangler L, Curtis JR, Ehrenstein V, Sørensen HT, Saul B, Levintow SN, Reams D, Bradbury BD, Brookhart MA. Pharmacoepidemiol Drug Saf. 2020 Jun 14. doi: 10.1002/pds.5037. Online ahead of print.
PMID: 32537883
310. [Adjuvant selection impacts the correlates of vaccine protection against Ebola infection.](#)
Stronsky SM, Cooper CL, Steffens J, Van Tongeren S, Bavari S, Martins KA, Petrovsky N. Vaccine. 2020 Jun 15;38(29):4601-4608. doi: 10.1016/j.vaccine.2020.05.009. Epub 2020 May 6.
PMID: 32418798
311. [Evaluation of cell surface reactive immuno-adjuvant in combination with immunogenic cell death inducing drug for in situ chemo-immunotherapy.](#)
Walters AA, Wang JT, Al-Jamal KT. J Control Release. 2020 Jun 10;322:519-529. doi: 10.1016/j.jconrel.2020.03.029. Epub 2020 Mar 31.
PMID: 32243973

312. [Surgical Oncologists and the COVID-19 Pandemic: Guiding Cancer Patients Effectively through Turbulence and Change.](#)
Hwang ES, Balch CM, Balch GC, Feldman SM, Golshan M, Grobmyer SR, Libutti SK, Margenthaler JA, Sasidhar M, Turaga KK, Wong SL, McMasters KM, Tanabe KK. *Ann Surg Oncol.* 2020 Jun 14;1-14. doi: 10.1245/s10434-020-08673-6. Online ahead of print.
PMID: 32535870
313. [Surface display of spring viremia of carp virus glycoprotein on *Lactococcus lactis* and its protection efficacy in common carp \(*Cyprinus carpio* L.\).](#)
Zhang C, Guo S, Zhao Z, Guo ZR, Ma R, Wang GX, Zhu B. *Fish Shellfish Immunol.* 2020 Jun 10;104:262-268. doi: 10.1016/j.fsi.2020.06.021. Online ahead of print.
PMID: 32534229
314. [Present Scenario Of M-Cell Targeting Ligands For Oral Mucosal Immunization.](#)
Saraf S, Jain S, Sahoo RN, Mallick S. *Curr Drug Targets.* 2020 Jun 9. doi: 10.2174/1389450121666200609113252. Online ahead of print.
PMID: 32516099
315. [A Novel Chemically Differentiated Mouse Embryonic Stem Cell-Based Model to Study Liver Stages of *Plasmodium berghei*.](#)
Tripathi J, Segeritz CP, Griffiths G, Bushell W, Vallier L, Skarnes WC, Mota MM, Billker O. *Stem Cell Reports.* 2020 Jun 9;14(6):1123-1134. doi: 10.1016/j.stemcr.2020.04.010. Epub 2020 May 21.
PMID: 32442532
316. [Antigen-Specific IFN- \$\gamma\$ /IL-17-Co-Producing CD4\(+\) T-Cells Are the Determinants for Protective Efficacy of Tuberculosis Subunit Vaccine.](#)
Choi HG, Kwon KW, Choi S, Back YW, Park HS, Kang SM, Choi E, Shin SJ, Kim HJ. *Vaccines (Basel).* 2020 Jun 11;8(2):E300. doi: 10.3390/vaccines8020300.
PMID: 32545304
317. [Phosphate starvation enhances phagocytosis of *Mycobacterium bovis*/BCG by macrophages.](#)
Espinosa-Cueto P, Magallanes-Puebla A, Mancilla R. *BMC Immunol.* 2020 Jun 9;21(1):34. doi: 10.1186/s12865-020-00364-x.
PMID: 32517651
318. [Non-sterilizing, Infection-Permissive Vaccination With Inactivated Influenza Virus Vaccine Reshapes Subsequent Virus Infection-Induced Protective Heterosubtypic Immunity From Cellular to Humoral Cross-Reactive Immune Responses.](#)
Choi A, Ibañez LI, Strohmeier S, Krammer F, García-Sastre A, Schotsaert M. *Front Immunol.* 2020 Jun 9;11:1166. doi: 10.3389/fimmu.2020.01166. eCollection 2020.
PMID: 32582220

319. [The health and economic burden of respiratory syncytial virus associated hospitalizations in adults.](#)
Prasad N, Newbern EC, Trenholme AA, Thompson MG, McArthur C, Wong CA, Jelley L, Aminisani N, Huang QS, Grant CC. PLoS One. 2020 Jun 11;15(6):e0234235. doi: 10.1371/journal.pone.0234235. eCollection 2020.
PMID: 32525898
320. [Cancer immunotherapy: dawn of the death of cancer?](#)
Jain S, Kumar S. Int Rev Immunol. 2020 Jun 12:1-18. doi: 10.1080/08830185.2020.1775827. Online ahead of print.
PMID: 32530336
321. [Immunogenicity of the hepatitis A vaccine 20 years after infant immunization.](#)
Mosites E, Seeman S, Negus S, Homan C, Morris J, Nelson NP, Spradling PR, Bruce M, McMahan B. Vaccine. 2020 Jun 10:S0264-410X(20)30724-6. doi: 10.1016/j.vaccine.2020.05.069. Online ahead of print.
PMID: 32535018
322. [Structural basis of a public antibody response to SARS-CoV-2.](#)
Yuan M, Liu H, Wu NC, Lee CD, Zhu X, Zhao F, Huang D, Yu W, Hua Y, Tien H, Rogers TF, Landais E, Sok D, Jardine JG, Burton DR, Wilson IA. bioRxiv. 2020 Jun 9:2020.06.08.141267. doi: 10.1101/2020.06.08.141267. Preprint.
PMID: 32577642
323. [Full-Genome Sequences of Two Newcastle Disease Virus Strains Isolated in West Java, Indonesia.](#)
Pandaranga P, Cahyono MI, McAllister MM, Peaston AE, Tearle R, Low WY, Doan PTK, Rabiei M, Ignjatovic J, Dharmayanti NPI, Indriani R, Tarigan S, Hemmatzadeh F. Microbiol Resour Announc. 2020 Jun 11;9(24):e00221-20. doi: 10.1128/MRA.00221-20.
PMID: 32527784
324. [Effectiveness of 'catch-up' human papillomavirus vaccination to prevent cervical neoplasia in immunosuppressed and non-immunosuppressed women.](#)
Silverberg MJ, Leyden WA, Lam JO, Chao CR, Gregorich SE, Huchko MJ, Kulasingam S, Kuppermann M, Smith-McCune KK, Sawaya GF. Vaccine. 2020 Jun 15;38(29):4520-4523. doi: 10.1016/j.vaccine.2020.05.004. Epub 2020 May 20.
PMID: 32446836
325. [SARS-CoV-2 mRNA Vaccine Development Enabled by Prototype Pathogen Preparedness.](#)
Corbett KS, Edwards D, Leist SR, Abiona OM, Boyoglu-Barnum S, Gillespie RA, Himansu S, Schäfer A, Ziwawo CT, DiPiazza AT, Dinnon KH, Elbashir SM, Shaw CA, Woods A, Fritch EJ, Martinez DR, Bock KW, Minai M, Nagata BM, Hutchinson GB, Bahl K, Garcia-Dominguez D, Ma L, Renzi I, Kong WP, Schmidt SD, Wang L, Zhang Y, Stevens LJ, Phung E, Chang LA, Loomis RJ, Altaras NE, Narayanan E, Metkar M,

Presnyak V, Liu C, Louder MK, Shi W, Leung K, Yang ES, West A, Gully KL, Wang N, Wrapp D, Doria-Rose NA, Stewart-Jones G, Bennett H, Nason MC, Ruckwardt TJ, McLellan JS, Denison MR, Chappell JD, Moore IN, Morabito KM, Mascola JR, Baric RS, Carfi A, Graham BS. bioRxiv. 2020 Jun 11:2020.06.11.145920. doi: 10.1101/2020.06.11.145920. Preprint.

PMID: 32577634

326. [A single dose of ChAdOx1 MERS provides protective immunity in rhesus macaques.](#)

van Doremalen N, Haddock E, Feldmann F, Meade-White K, Bushmaker T, Fischer RJ, Okumura A, Hanley PW, Saturday G, Edwards NJ, Clark MHA, Lambe T, Gilbert SC, Munster VJ. Sci Adv. 2020 Jun 10;6(24):eaba8399. doi: 10.1126/sciadv.aba8399. eCollection 2020 Jun.

PMID: 32577525

Free PMC article.

327. [One step closer to African swine fever vaccine.](#)

Vet Rec. 2020 Jun 13;186(18):585. doi: 10.1136/vr.m2342.

PMID: 32527882

328. [Underperformed and Underreported Testing for Persistent Oropharyngeal Poliovirus Infections in Primary Immune Deficient Patients-Risk for Reemergence of Polioviruses.](#)

Shulman LM, Weil M, Somech R, Stauber T, Indenbaum V, Rahav G, Mendelson E, Sofer D. J Pediatric Infect Dis Soc. 2020 Jun 15:piaa053. doi: 10.1093/jpids/piaa053. Online ahead of print.

PMID: 32538431

329. [Improving Influenza Prevention: Modest Changes With Large Effects.](#)

Walter EB, Atmar RL. Clin Infect Dis. 2020 Jun 10;70(12):2503-2504. doi: 10.1093/cid/ciz683.

PMID: 31344224

330. [Group B Streptococcal Disease: Interim Prevention at 50 Years and Counting.](#)

Edwards MS, Baker CJ. Clin Infect Dis. 2020 Jun 10;70(12):2580-2581. doi: 10.1093/cid/ciz738.

PMID: 31394571

331. [Game-Theoretical Model of Retroactive Hepatitis B Vaccination in China.](#)

Chouhan A, Maiwand S, Ngo M, Putalapattu V, Rychtář J, Taylor D. Bull Math Biol. 2020 Jun 15;82(6):80. doi: 10.1007/s11538-020-00748-5.

PMID: 32542575

332. [Master manipulators: how herpesviruses alter immune responses to RSV.](#)

Gurczynski SJ, Moore BB. Mucosal Immunol. 2020 Jun 11:1-2. doi: 10.1038/s41385-020-0313-7. Online ahead of print.

PMID: 32528182

333. [Yellow Fever Vaccine: The Conundrum of 2 Doses, One Dose, or One-Fifth Dose to Induce and Maintain Protective Immunity.](#)
Barrett ADT. J Infect Dis. 2020 Jun 11;221(12):1922-1924. doi: 10.1093/infdis/jiz379.
PMID: 31545366
334. [Vaccination using inactivated Mycoplasma pneumoniae induces detrimental infiltration of neutrophils after subsequent infection in mice.](#)
Tamiya S, Yoshikawa E, Ogura M, Kuroda E, Suzuki K, Yoshioka Y. Vaccine. 2020 Jun 11:S0264-410X(20)30729-5. doi: 10.1016/j.vaccine.2020.05.074. Online ahead of print.
PMID: 32536549
335. [e-Membranome: a Database for Genome-Wide Analysis of Escherichia coli Outer Membrane Proteins.](#)
Lee KM, Cho SH, Kim CH, Kim JH, Kim SS. Curr Pharm Biotechnol. 2020 Jun 9. doi: 10.2174/1389201021666200610105549. Online ahead of print.
PMID: 32520685
336. [Transient intestinal colonization by a live-attenuated oral cholera vaccine induces protective immune responses in streptomycin-treated mice.](#)
Fakoya B, Sit B, Waldor MK. J Bacteriol. 2020 Jun 15:JB.00232-20. doi: 10.1128/JB.00232-20. Online ahead of print.
PMID: 32540930
337. [Rethinking Flu Vaccine Messaging.](#)
de St Maurice A, Edwards K. Pediatrics. 2020 Jun 15:e20201770. doi: 10.1542/peds.2020-1770. Online ahead of print.
PMID: 32540984
338. [Epidemiology of a workplace measles outbreak dominated by modified measles cases at Kansai international airport, Japan, during august-september 2016.](#)
Kobayashi A, Shimada T, Tanaka-Taya K, Kanai M, Okuno H, Kinoshita M, Matsui T, Oishi K. Vaccine. 2020 Jun 10:S0264-410X(20)30722-2. doi: 10.1016/j.vaccine.2020.05.067. Online ahead of print.
PMID: 32535017
339. [Adverse events following immunization with the live-attenuated recombinant Japanese encephalitis vaccine \(IMOJEV®\) in Taiwan, 2017-18.](#)
Ma HY, Lai CC, Chiu NC, Lee PI. Vaccine. 2020 Jun 13:S0264-410X(20)30769-6. doi: 10.1016/j.vaccine.2020.06.008. Online ahead of print.
PMID: 32546414
340. [The HLA-DP peptide repertoire from human respiratory syncytial virus is focused on major structural proteins with the exception of the viral polymerase.](#)

Lorente E, Barnea E, Mir C, Admon A, López D. J Proteomics. 2020 Jun 15;221:103759. doi: 10.1016/j.jprot.2020.103759. Epub 2020 Mar 31.
PMID: 32244010

341. [Orf Virus-Based Vaccine Vector D1701-V Induces Strong CD8+ T Cell Response against the Transgene but Not against ORFV-Derived Epitopes.](#)

Reguzova A, Ghosh M, Müller M, Rziha HJ, Amann R. Vaccines (Basel). 2020 Jun 10;8(2):E295. doi: 10.3390/vaccines8020295.
PMID: 32531997

342. [Electronic immunization registers - A tool for mitigating outbreaks of vaccine-preventable diseases in the Pacific.](#)

Sheel M, Tippins A, Glass K, Kirk M, Lau CL. Vaccine. 2020 Jun 9;38(28):4395-4398. doi: 10.1016/j.vaccine.2020.04.071. Epub 2020 May 12.
PMID: 32414655

343. [Effectiveness of the Live Attenuated Influenza Vaccine: Was the Addition of the Second Type B Lineage a Step Too Far?](#)

Monto AS. Clin Infect Dis. 2020 Jun 10;70(12):2514-2516. doi: 10.1093/cid/ciz722.
PMID: 31408517

344. [Long-term maintenance of lung resident memory T cells is mediated by persistent antigen.](#)

Uddbäck I, Cartwright EK, Schøller AS, Wein AN, Hayward SL, Lobby J, Takamura S, Thomsen AR, Kohlmeier JE, Christensen JP. Mucosal Immunol. 2020 Jun 9. doi: 10.1038/s41385-020-0309-3. Online ahead of print.
PMID: 32518368

345. [Corrigendum to "Virus-like particle vaccines expressing Toxoplasma gondii rhoptry protein 18 and microneme protein 8 provide enhanced protection" \[Vaccine 36 \(2018\) 5692-5700\].](#)

Lee SH, Kang HJ, Lee DH, Kang SM, Quan FS. Vaccine. 2020 Jun 15;38(29):4649. doi: 10.1016/j.vaccine.2020.05.034. Epub 2020 May 21.
PMID: 32448622

346. [Influenza Vaccination Experiences of Pregnant Women as a Predictor of the Intention to Become Vaccinated in Future Pregnancies in Spain.](#)

Rodríguez-Blanco N, Tuells J, Nolasco A. Vaccines (Basel). 2020 Jun 9;8(2):E291. doi: 10.3390/vaccines8020291.
PMID: 32527002

347. [Hospitalizations for lower respiratory tract infections in children in relation to the sequential use of three pneumococcal vaccines in Quebec.](#)
Zhou Z, Gilca R, Deceuninck G, Boucher F, De Wals P. Can J Public Health. 2020 Jun 11. doi: 10.17269/s41997-020-00329-y. Online ahead of print. PMID: 32529553
348. [Plasma from recovered COVID19 subjects inhibits spike protein binding to ACE2 in a microsphere-based inhibition assay.](#)
Gniffke EP, Harrington WE, Dambrauskas N, Jiang Y, Trakhimets O, Vigdorovich V, Frenkel L, Sather DN, Smith SEP. medRxiv. 2020 Jun 11:2020.06.09.20127050. doi: 10.1101/2020.06.09.20127050. Preprint. PMID: 32577669
349. [Antibody-Dependent Cellular Phagocytosis of HIV-1-Infected Cells Is Efficiently Triggered by IgA Targeting HIV-1 Envelope Subunit gp41.](#)
Duchemin M, Tudor D, Cottignies-Calamarte A, Bomsel M. Front Immunol. 2020 Jun 9;11:1141. doi: 10.3389/fimmu.2020.01141. eCollection 2020. PMID: 32582208
350. [Amantadine Treatment for People with COVID-19.](#)
Araújo R, Aranda-Martínez JD, Aranda-Abreu GE. Arch Med Res. 2020 Jun 12:S0188-4409(20)30917-6. doi: 10.1016/j.arcmed.2020.06.009. Online ahead of print. PMID: 32571606
351. [2-\(\(4-Arylpiperazin-1-yl\)methyl\)benzotrile Derivatives as Orally Available Inhibitors of Hepatitis C Virus with a Novel Mechanism of Action.](#)
Jiang X, Tan J, Wang Y, Chen J, Li J, Jiang Z, Quan Y, Jin J, Li Y, Cen S, Li Y, Peng Z, Li Z. J Med Chem. 2020 Jun 11;63(11):5972-5989. doi: 10.1021/acs.jmedchem.0c00232. Epub 2020 May 20. PMID: 32378892
352. [The effect of BCG vaccination on alveolar macrophages obtained from induced sputum from healthy volunteers.](#)
Koeken VACM, van der Pasch ES, Leijte GP, Mourits VP, de Bree LCJ, Moorlag SJCFM, Budnick I, Idh N, Lerm M, Kox M, van Laarhoven A, Netea MG, van Crevel R. Cytokine. 2020 Jun 10;133:155135. doi: 10.1016/j.cyto.2020.155135. Online ahead of print. PMID: 32534356
353. [The risk of Kawasaki disease after pneumococcal conjugate & meningococcal B vaccine in England: A self-controlled case-series analysis.](#)
Stowe J, Andrews NJ, Turner PJ, Miller E. Vaccine. 2020 Jun 11:S0264-410X(20)30756-8. doi: 10.1016/j.vaccine.2020.05.089. Online ahead of print. PMID: 32536544

354. [A unique algorithm for the determination of peptide-carrier protein conjugation ratio by amino acid analysis using intrinsic internal standard.](#)
Yang GJ, Yang Y, Shaddeau A, Cai CX, Li Y, Gulla K, Zhang Y, Ou L, Cooper JW, Lei QP. *Vaccine*. 2020 Jun 15;38(29):4507-4511. doi: 10.1016/j.vaccine.2020.04.080. Epub 2020 May 22.
PMID: 32448620
355. [Specific Antibodies Induced by Immunization with Hepatitis B Virus-Like Particles Carrying Hepatitis C Virus Envelope Glycoprotein 2 Epitopes Show Differential Neutralization Efficiency.](#)
Czarnota A, Offersgaard A, Pihl AF, Prentoe J, Bukh J, Gottwein JM, Bieńkowska-Szewczyk K, Grzyb K. *Vaccines (Basel)*. 2020 Jun 10;8(2):E294. doi: 10.3390/vaccines8020294.
PMID: 32532076
356. [Interleukin-22 Inhibits Respiratory Syncytial Virus Production by Blocking Virus-Mediated Subversion of Cellular Autophagy.](#)
Das S, St Croix C, Good M, Chen J, Zhao J, Hu S, Ross M, Myerburg MM, Pilewski JM, Williams J, Wenzel SE, Kolls JK, Ray A, Ray P. *iScience*. 2020 Jun 10;23(7):101256. doi: 10.1016/j.isci.2020.101256. Online ahead of print.
PMID: 32580124
357. [Cross-sectional evaluation of humoral responses against SARS-CoV-2 Spike.](#)
Prévost J, Gasser R, Beaudoin-Bussièrès G, Richard J, Duerr R, Laumaea A, Anand SP, Goyette G, Ding S, Medjahed H, Lewin A, Perreault J, Tremblay T, Gendron-Lepage G, Gauthier N, Carrier M, Marcoux D, Piché A, Lavoie M, Benoit A, Loungnarath V, Brochu G, Desforges M, Talbot PJ, Gould Maule GT, Côté M, Therrien C, Serhir B, Bazin R, Roger M, Finzi A. Version 2. *bioRxiv*. 2020 Jun 10:2020.06.08.140244. doi: 10.1101/2020.06.08.140244. Preprint.
PMID: 32577637
358. [Suspected adverse reaction to erysipelas vaccine in sheep.](#)
Bidewell C, Carson A, Diesel G, Floyd T. *Vet Rec*. 2020 Jun 13;186(18):610-611. doi: 10.1136/vr.m1482.
PMID: 32527900

Patentes registradas en Patent Google

Estrategia de búsqueda: *Vaccine in the title or abstract AND 20200609:20200615 as the publication date*

[Dose reduced povlio virus vaccine compositions and methods for its production](#)

WO EP US CN JP KR AU BR CA CU EA MX PE PH SG [EP3663396A1](#) Rajeev Mhalasakant DHERE
Serum Institute Of India Private Limited

Priority 2014-10-07 • Filed 2015-10-06 • Published 2020-06-10

[Pertussis booster vaccine](#)

[WO2020117618A1](#) Nicolas Burdin Sanofi Pasteur Inc.

Priority 2018-12-05 • Filed 2019-11-29 • Published 2020-06-11

[Hepatitis b nanoparticle-based vaccine for influenza virus](#)

WO EP CN EP3661549A1 Audray K. HARRIS The U.S.A. As Represented By The Secretary, Department
Of Health And Human ...

Priority 2017-08-02 • Filed 2018-08-02 • Published 2020-06-10

[Swine mycoplasmal pneumonia attenuated live vaccine and use thereof](#)

WO EP US [EP3098301B1](#) Guoqinq SHAO Jiangsu Academy of Agricultural Sciences

Priority 2014-01-26 • Filed 2014-01-26 • Granted 2020-06-10 • Published 2020-06-10

[A vaccine for protection against streptococcus suis](#)

WO EP CN EP3661546A1 Antonius Arnoldus Christiaan Jacobs Intervet International B.V.

Priority 2017-08-03 • Filed 2018-08-02 • Published 2020-06-10

[A vaccine comprising a pcv2 orf2 protein of genotype 2b](#)

WO EP EP3661548A1 Melanie SNO Intervet International B.V.

Priority 2017-08-03 • Filed 2018-08-02 • Published 2020-06-10

[Vaccine composition](#)

EP US CN JP KR CA IN RU [EP3662927A2](#) Daisuke Asari Nitto Denko Corporation

Priority 2013-02-05 • Filed 2014-01-29 • Published 2020-06-10

[A recombinant koi herpesvirus \(khv\) and a diva vaccine for preventing and/or ...](#)

EP [EP3662929A1](#) Walter Fuchs IDT Biologika GmbH

Priority 2018-12-07 • Filed 2018-12-07 • Published 2020-06-10

[Nanoparticle platform for antibody and vaccine delivery](#)

WO EP CA EP3661968A1 Jean-Philippe Julien The Hospital for Sick Children

Priority 2017-08-04 • Filed 2018-08-03 • Published 2020-06-10

[Cross-protective arenavirus vaccines and their method of use](#)

WO EP US CN JP KR AU CA ES [EP3662935A1](#) Kate Broderick Inovio Pharmaceuticals, Inc.

Priority 2011-07-11 • Filed 2012-07-11 • Published 2020-06-10

A DNA plasmid **vaccine** of any one of claims 1 to 4 for use in a method of inducing a protective immune response against LASV in a subject. The DNA plasmid **vaccine** for use as claimed in claim 5 wherein the DNA **vaccine** is administered by electroporation. The DNA plasmid **vaccine** for use as claimed in ...

[Mesoporous silica compositions for modulating immune responses](#)

WO EP US CN JP AU CA DK HK HU LT PT [EP3662896A1](#) Jaeyun Kim President and Fellows of Harvard College

Priority 2012-04-16 • Filed 2013-04-16 • Published 2020-06-10

A composition comprising mesoporous silica rods comprising an immune cell recruitment compound and an immune cell activation compound, and optionally comprising an antigen such as a tumor lysate. The composition is used to elicit an immune response to a **vaccine** antigen.

[Induction of protective immunity against antigens](#)

WO EP CN EP3661547A1 Roy Curtiss Iii University of Florida Research Foundation, Incorporated

Priority 2017-08-04 • Filed 2018-08-03 • Published 2020-06-10

85. Clifton-Hadley FA, Breslin M, Venables LM, Sprigings KA, Cooles SW, Houghton S, Woodward MJ. 2002. A laboratory study of an inactivated bivalent iron restricted Salmonella enterica serovars Enteritidis and Typhimurium dual **vaccine** against Typhimurium challenge in chickens. Vet Microbiol 89: 167 ...

[Compositions comprising jak inhibitors and haart drugs for use in the ...](#)

WO EP US CN AU BR CA MX [EP2785184B1](#) Christina GAVEGNANO Emory University

Priority 2011-11-30 • Filed 2012-11-30 • Granted 2020-06-10 • Published 2020-06-10

d) AZT, and e) a NNRTI or a protease inhibitor, optionally wherein the NNRTI is Sustiva or the protease inhibitor is Kaletra, or wherein the JAK inhibitor, HAART, and **vaccine** or immunostimulatory compound are administered in combination or alternation. The medicament for use according to claim 3, ...

[Surrogate therapeutic endpoint for anti-ctla-4 based immunotherapy of disease](#)

WO EP US CN JP AU CA IL MX NO NZ ZA [EP1639010B1](#) Israel Lowy E. R. Squibb & Sons, L.L.C.

Priority 2003-05-30 • Filed 2004-05-28 • Granted 2020-06-10 • Published 2020-06-10

). In these instances, non-immunogenic tumors, such as the B16 melanoma, have been rendered susceptible to destruction by the immune system. The tumor cell **vaccine** may also be modified to express other immune activators such as IL2, and costimulatory molecules, among others. The study of gene ...

[Novel peptides and combination of peptides for use in immunotherapy against ...](#)

WO EP US CN JP KR AU BR CA CL CO CR EA GB HK IL MA MX PE PH ZA [EP3322717B1](#) Heiko Schuster immatics biotechnologies GmbH

Priority 2015-07-15 • Filed 2016-07-14 • Granted 2020-06-10 • Published 2020-06-10

In an especially preferred embodiment, the pharmaceutical compositions comprise the peptides as salts of acetic acid (acetates), trifluoro acetates or hydrochloric acid (chlorides). Preferably, the medicament of the present invention is an immunotherapeutics such as a **vaccine**. It may be ...

[Formulation and delivery of modified nucleoside, nucleotide, and nucleic acid ...](#)

WO EP US [EP2971010B1](#) Stephen G. HOGGE ModernaTX, Inc.

Priority 2013-03-14 • Filed 2014-03-14 • Granted 2020-06-10 • Published 2020-06-10

An mRNA for use in a therapeutic method of increasing the duration of protein expression from said mRNA in a mammalian cell or tissue of a mammal, said method comprising administering said mRNA via electroporation; wherein administration comprises the steps of (a) injecting the mammal with mRNA, ...

Combination therapies

WO EP US CN JP KR AU BR CA EA MX [EP3662903A2](#) Zhu Alexander CAO Novartis AG

Priority 2014-10-03 • Filed 2015-10-02 • Published 2020-06-10

Nestle, F. et al. (1998) Nature Medicine 4: 328-332). DCs may also be transduced by genetic means to express these tumor antigens as well. DCs have also been fused directly to tumor cells for the purposes of immunization (Kugler, A. et al. (2000) Nature Medicine 6:332-336). As a method of ...

Means and methods for the prediction of treatment response of a cancer patient

WO EP US [EP2619576B1](#) Niels Grabe Niels Grabe

Priority 2010-09-24 • Filed 2011-09-20 • Granted 2020-06-10 • Published 2020-06-10

tositumomab-iodine 131; treosulfan; tretinoin; trilostane; trimetrexate; triptorelin; tumor necrosis factor alpha natural; ubenimex; bladder cancer vaccine; Maruyama vaccine; melanoma lysate vaccine; valrubicin; verteporfin; virulizin; zinostatin stimalamer; abarelix; AE 941 (Aeterna); ambamustine;

Compositions comprising bacterial strains

WO EP US CN JP KR AU CA CL CO DK EA ES HR HU IL LT MD MX PE PL PT RS SG SI TW
[EP3662917A1](#) Alex STEVENSON 4D Pharma Research Limited

Priority 2015-06-15 • Filed 2016-06-15 • Published 2020-06-10

21. A food product comprising the composition of any preceding embodiment, for the use of any preceding embodiment. 22. A vaccine composition comprising the composition of any preceding embodiment, for the use of any preceding embodiment. 23. A method of treating or preventing a disease or ...

Human anti-tau antibodies

WO EP US CN JP KR AU BR CA EA HK IL MX PH SG ZA [EP2935326B1](#) Paul H. Weinreb Biogen MA Inc.

Priority 2012-12-21 • Filed 2013-12-20 • Granted 2020-06-10 • Published 2020-06-10

In the wake of the success of Abeta-based **immunization** therapy in transgenic animal models, the concept of active immunotherapy was expanded to the tau protein. Active vaccination of wild type mice using the tau protein was however found to induce the formation of neurofibrillary tangles, axonal ...

[Aav vectors targeted to oligodendrocytes](#)

WO EP US CN JP AU CA [EP2900686B1](#) Thomas MCCOWN The University of North Carolina At Chapel Hill

Priority 2012-09-28 • Filed 2013-09-27 • Granted 2020-06-10 • Published 2020-06-10

The virus vectors of the invention can further be administered to a subject to elicit an immunogenic response (e.g., as a **vaccine**). Typically, vaccines of the present invention comprise an effective amount of virus in combination with a pharmaceutically acceptable carrier. Optionally, the dosage is ...

[Continuous processing methods for biological products](#)

WO EP US CN JP KR BR [EP2649016B1](#) Thomas C. Ransohoff Pall Corporation

Priority 2010-12-06 • Filed 2011-12-06 • Granted 2020-06-10 • Published 2020-06-10

... , Worcester, MA (US)), have made it possible to convert separation process steps that were traditionally operated in batch mode into SMB processes that can be run continuously, taking a clarified feed and purifying in a continuous fashion a target molecule such as a monoclonal antibody or a **vaccine** ...

[Methods and compositions for production of vaccinia virus](#)

WO EP US CN JP KR AU BR CA [EP2739293B1](#) David Kirn SillaJen Biotherapeutics, Inc.

Priority 2011-08-05 • Filed 2012-08-03 • Granted 2020-06-10 • Published 2020-06-10

P. D. Ellner, Infection 26, 263 (Sep-Oct, 1998). 12. F. Fenner, Prog Med Virol 23, 1 (1977). 13. A. W. Artenstein et al., **Vaccine** 23, 3301 (May 9, 2005). 14. T. P. Monath et al., Int J Infect Dis 8 Suppl 2, S31 (Oct, 2004). 15. Z. S. Guo, D. L. Bartlett, Expert Opin Biol Ther 4, 901 (Jun, 2004 ...

[Methods for the treatment of ocular disease in human subjects](#)

WO EP US CN JP KR AU BR CA EA HK IL MX PH SG [EP2916827B1](#) Vladimir ZARNITSYN Clearside Biomedical Inc.

Priority 2012-11-08 • Filed 2013-11-08 • Granted 2020-06-10 • Published 2020-06-10

In one embodiment, the drug is selected from a suitable oligonucleotide (e.g ., antisense oligonucleotide agents), polynucleotide (e.g ., therapeutic DNA), ribozyme, dsRNA, siRNA, RNAi, gene therapy vectors, and/or **vaccine**. In a further embodiment, the drug is an aptamer (e.g ., an oligonucleotide or ...

[Compositions and methods for immunotherapy](#)

WO EP US CN JP KR AU BR CA HK IL MX PH RU SG [EP2961831B1](#) Renier J. BRENTJENS Memorial Sloan Kettering Cancer Center

Priority 2013-02-26 • Filed 2014-02-26 • Granted 2020-06-10 • Published 2020-06-10

). Augmenting the immunogenicity of cancer cells through the CD40L/CD40 pathway has been shown to induce an endogenous anti-tumor response in previously published **vaccine** studies using the infusion of autologous CLL tumor cells transduced with an adenovirus vector encoding CD40L (Ad-CD40L CLL cells) ...

[Magnet recycling to create nd-fe-b magnets with improved or restored magnetic ...](#)

WO EP US CN JP AU BR HK TW [EP3011573B1](#) Miha Zakotnik Urban Mining Technology Company, LLC

Priority 2013-06-17 • Filed 2014-06-17 • Granted 2020-06-10 • Published 2020-06-10

Magnet coatings may be completely removed by cleaning the surfaces with an abrasive jet that removes a portion, or all, of the surface of the magnets by ablation. In some implementations, the abrasive can be steel **shot**, tungsten carbide, ceramic, or steel grit. The size of the particles may be ...

[Activation of resident memory t cells for the treatment of cancer](#)

WO EP CA EP3661550A2 Vaiva D. VEZYS Regents of the University of Minnesota

Priority 2017-08-03 • Filed 2018-08-03 • Published 2020-06-10

1 1. The method of any one of the preceding claims, wherein the composition comprises at least one antigenic peptide from a **vaccine**. 12. The method of claim 1 1, wherein the **vaccine** is selected from the group consisting of a chickenpox **vaccine**, a polio **vaccine**, a German measles **vaccine**, a mumps ...

[Crystalline forms of ethyl \(\(s\)-\(\(\(\(2r,5r\)-5-\(6-amino-9h-purin-9-yl\)-4-fluoro- ...](#)

WO EP US AR TW EP3661937A1 Olga Viktorovna Lapina Gilead Sciences, Inc.

Priority 2017-08-01 • Filed 2018-07-30 • Published 2020-06-10

[0203] Examples of HIV vaccines include peptide vaccines, recombinant subunit protein vaccines, live vector vaccines, DNA vaccines, CD4-derived peptide vaccines, **vaccine** combinations, rgp120 (AIDSVAX), ALVAC HIV (vCP1521)/AIDSVAX B/E (gp120) (RV144), monomeric gp120 HIV-1 subtype C **vaccine**, Remune, ...

[Anti-il-17 antibodies](#)

WO EP US CN JP KR AU BR CA CY DK EA ES HK HR HU IL LT LU NO PL PT RS SI [EP1963368B3](#)
Barrett Allan Eli Lilly And Company

Priority 2005-12-13 • Filed 2006-12-05 • Granted 2020-06-10 • Published 2020-06-10

Other suitable methods of producing or isolating antibodies of the invention, including human or artificial antibodies, can be used, including, for example, methods which select a recombinant antibody (e.g., single chain Fv or Fab) from a library, or which rely upon **immunization** of transgenic ...

[Human antigen binding proteins that bind beta-klotho, fgf receptors and ...](#)

WO EP US CN JP KR AR AU BR CA CL CR CY DK EA ES HR HU IL LT MA ME MX NZ PE PL PT RS SG
SI TN TW UA UY ZA [EP3202787B1](#) Shaw-Fen Sylvia Hu Amgen Inc.

Priority 2009-12-07 • Filed 2010-12-03 • Granted 2020-06-10 • Published 2020-06-10

In one embodiment, all of the variable and constant domains are derived from human immunoglobulin sequences (a fully human antibody). These antibodies can be prepared in a variety of ways, examples of which are described below, including through the **immunization** with an antigen of interest of a ...

[Anti-influenza antibody](#)

WO EP US CA [EP2931747B1](#) Xavier Saelens Vib Vzw

Priority 2012-12-11 • Filed 2013-12-11 • Granted 2020-06-10 • Published 2020-06-10

Example 2: **Immunization** and VHH phage library construction N1rec was next used as an immunogen for the generation and selection of NA-specific VHH. An alpaca (Vicunia pacos) was immunized at day 0 with 125 µg of N1rec, followed by 6 weekly boosts. One week after the last **immunization**, blood was ...

[Heterocyclic compound and application thereof](#)

WO EP [EP3663281A1](#) Tatsuhiko Fujimoto Takeda Pharmaceutical Company Limited

Priority 2017-08-03 • Filed 2018-08-02 • Published 2020-06-10

Examples of the antibody drug and **vaccine** preparation include **vaccine** preparation against angiotensin II, **vaccine** preparation against CETP, CETP antibody, antibody against TNF α antibody and other cytokines, amyloid β **vaccine** preparation, **vaccine** for type 1 diabetes (e.g., DIAPEP-277 of Peptor), ...

[Genetic products which are differentially expressed in tumours and use thereof](#)

WO EP US JP AU CA DE ES [EP3095791B1](#) Özlem TÜRECI BioNTech SE

Priority 2003-09-10 • Filed 2004-09-10 • Granted 2020-06-10 • Published 2020-06-10

(1) In the first case, peptides conjugated to KLH (keyhole limpet hemocyanin) (length: 8-12 amino acids) are synthesized using a standardized in vitro method and these peptides are used for **immunization**. As a rule, 3 **immunizations** are carried out with a concentration of 5-1000 μ g / **immunization**.

[Nuclear transport modulators and uses thereof](#)

WO EP US CN JP KR AU BR CA CL CO CY DK EA ES HK HR HU IN LT MX NZ PE PL PT RS SG SI UA [EP3663291A1](#) Vincent P. SANDANAYAKA Biogen MA Inc.

Priority 2012-05-09 • Filed 2013-05-09 • Published 2020-06-10

... . Contemporary methods for generating an immune response against tumors include intravesicular BCG immunotherapy for superficial bladder cancer, prostate cancer **vaccine** Provenge, and use of interferons and other cytokines to induce an immune response in renal cell carcinoma and melanoma patients.

[Means and methods for determining t cell recognition](#)

WO EP US JP AU CA [EP3152569B1](#) Carsten LINNEMANN AIMM Therapeutics B.V.

Priority 2014-06-05 • Filed 2015-06-05 • Granted 2020-06-10 • Published 2020-06-10

Preferably, T cells are used that are from an individual who has been exposed to said pathogen before, so that memory T cells will be present. If one or more test peptides appear to be recognized by T cells, these peptides are candidates for a **vaccine** against said pathogen. Again, the sensitivity ...

[Virucidal disinfection composition](#)

EP PL [EP1685854B2](#) Andreas Arndt B. Braun Medical AG

Priority 2005-01-28 • Filed 2006-01-27 • Granted 2020-06-10 • Published 2020-06-10

) and is effective within a minute against adenovirus type 5, strain Adenoid 75, papovavirus [Simianvirus 40 (SV40), strain 777], poliovirus (polio **vaccine** strain type I, strain LSc-2ab) and vaccinia virus (strain Elstree). In addition, it was found that the agents according to the invention are ...

[Method of culturing segmented filamentous bacteria in vitro](#)

WO EP US CN JP AU CA [EP3237602B1](#) Gérard EBERL Institut Pasteur

Priority 2014-12-23 • Filed 2015-12-23 • Granted 2020-06-10 • Published 2020-06-10

Said SFB strain can be in the form of a filament, an intracellular offspring or a spore, preferably a spore. The terms "immunogenic composition" and "**vaccine** composition" are used interchangeably herein. In some embodiments, the present invention relates to the genetically modified SFB strain as ...

[Antibody binding active alpha-synuclein](#)

WO EP CN KR AU CA EP3661961A1 Ariel Louwrier Stressmarq Biosciences Inc.

Priority 2017-08-02 • Filed 2018-08-02 • Published 2020-06-10

WHAT IS CLAIMED IS: 1. A monoclonal antibody 2F11 as deposited under ATCC PTA-124174. 2. A composition comprising the monoclonal antibody 2F11 defined in claim 1, in a pharmaceutically acceptable carrier, adjuvant, vehicle or excipient. 3. A **vaccine** comprising the monoclonal antibody 2F11 defined ...

[Pd-1 promoter methylation in cancer](#)

WO EP US CN JP KR AR AU CA IL MX [EP3303619B1](#) Edward KADEL H. Hoffnabb-La Roche Ag

Priority 2015-05-29 • Filed 2016-05-27 • Granted 2020-06-10 • Published 2020-06-10

). In the hybridoma method, a mouse or other appropriate host animal, such as a hamster, is immunized as herein described to elicit lymphocytes that produce or are capable of producing antibodies that will specifically bind to the protein used for **immunization**. Alternatively, lymphocytes may be ...

[System and method for peer referencing in an online computer system](#)

WO EP US CA [EP3663999A1](#) Qin YE Medversant Technologies, LLC

Priority 2010-02-05 • Filed 2011-02-07 • Published 2020-06-10

FIG. 4 is an exemplary screen **shot** of a screen listing peers that are available for inviting into a user's peer network according to one embodiment of the invention. According to one embodiment, the resulting peers are peers who are in the user's virtual professional network who are deemed to be ...

[Unmanned aircraft system with swappable components](#)

WO EP US AU EP3661847A1 Paul Perry Zipline International Inc.

Priority 2017-08-01 • Filed 2018-07-31 • Published 2020-06-10

For instance, if the payload is a **vaccine**, then the payload inventory management system may provide a refrigerated storage container for **vaccine** doses and may monitor and report the temperature in the storage container and the number of doses stored in the container to the logistics system 2008. ...

[Novel sulfonamide carboxamide compounds](#)

WO EP CN KR AU CA IL SG TW UY EP3661925A1 Matthew Cooper Inflazome Limited

Priority 2017-07-07 • Filed 2018-07-04 • Published 2020-06-10

modification (e.g. protection of the 2'-OH with a methyl group or replacement of the 2'-OH by -F or -N 3). In some embodiments, the one or more cancer vaccines are selected from an HPV **vaccine**, a hepatitis B **vaccine**, Oncophage, and/or Provenge. In some embodiments, the one or more immunomodulatory ...

[Microfluidic systems with capillary pumps](#)

WO EP EP3661649A1 Jaroslav Belotserkovsky Katholieke Universiteit Leuven

Priority 2017-08-04 • Filed 2018-08-06 • Published 2020-06-10

Figure 54: A pump activation and (micro)needle application "button". In one embodiment, the (iSIMPLE) microneedle drug or **vaccine** delivery device is designed such that the physical force, such as a finger push, that is applied used to activate the propulsion pump is also useful to provide the ...

[Antibodies binding to tumour associated carbohydrate antigens, pharmaceutical ...](#)

WO EP US CN JP KR AU BR CA CL IL PH RU SG TW ZA [EP3662928A1](#) Jiann-Shiun Lai OBI Pharma Inc.

Priority 2014-04-10 • Filed 2015-04-10 • Published 2020-06-10

An "effective amount," as used herein, refers to a dose of the **vaccine** or pharmaceutical composition that is sufficient to reduce the symptoms and signs of cancer, such as weight loss, pain and palpable mass, which is detectable, either clinically as a palpable mass or radiologically through ...

[Therapeutic agent or prophylactic agent for dementia](#)

WO EP US CN JP KR AR AU BR CA DK ES HK HR HU IL LT MX NZ PH PL PT RS RU SG SI TW ZA
[EP3662931A1](#) Hiroshi Mori Osaka City University

Priority 2012-05-31 • Filed 2013-05-30 • Published 2020-06-10

and Fig. 19 . To summarize, passive **immunization** with anti-pSer413 monoclonal antibody improved memory impairment in the model mice to a level of 50% or greater compared to non-Tg. The results of (4-1) and (4-2) confirmed a drug effect for pSer413 epitope monoclonal antibody even at a dose of 0.1 mg ...

[Biomimetic nanomaterials and uses thereof](#)

WO EP EP3661563A1 Yizhou Dong The Ohio State Innovation Foundation

Priority 2017-07-31 • Filed 2018-07-31 • Published 2020-06-10

In certain embodiments, the drug is an antibiotic, anti-viral agent, anesthetic, steroidal agent, anti-inflammatory agent, anti-neoplastic agent, anti-cancer agent, antigen, **vaccine**, antibody, decongestant, antihypertensive, sedative, birth control agent, progestational agent, anticholinergic, ...

[Methods and systems for authenticating and tracking objects](#)

WO EP US CN BR CA IN MX [EP2761538B1](#) Nabil M. Lawandy Spectra Systems Corporation

Priority 2011-09-29 • Filed 2012-09-11 • Granted 2020-06-10 • Published 2020-06-10

The combination of authentication technology and QR codes can track and authenticate pharmaceuticals and other packaged products anywhere in the world. Figures 6A and 6B show a syringe that is preloaded with a **vaccine**. In Figure 6A the syringe has been coded by exposing it to the code forming ...

[Bicyclic peptide ligands specific for cd137](#)

WO EP CN EP3661948A1 Lihong CHEN BicycleTx Limited

Priority 2017-08-04 • Filed 2018-08-03 • Published 2020-06-10

... , where cross-reactivity with homologues or paralogues needs to be carefully controlled. In some applications, such as **vaccine** applications, the ability to elicit an immune response to predetermined ranges of antigens can be exploited to tailor a **vaccine** to specific diseases and pathogens.

[Direct expression of antibodies](#)

WO EP US [EP3663315A1](#) Andrew Geall Novartis AG

Priority 2014-10-29 • Filed 2015-10-28 • Published 2020-06-10

The present invention relates to methods exogenous nucleic acid molecules, such as RNA, that encode an antibody or antigen-binding fragment of an antibody, and optionally encode a cellular modulation factor and/or a potentiation factor. The cellular modulation factor is a factor that results in ...

[Method for classification of a sample on the basis of spectral data and ...](#)

WO EP US CN JP IN NL RU [EP2836958B1](#) René Raymond PARCHEN BiosparQ B.V.

Priority 2012-04-10 • Filed 2013-04-10 • Granted 2020-06-10 • Published 2020-06-10

The above example illustrates the problems of conventional methods of analyzing spectral data. These methods are incapable of dealing with single particle spectra directly, since they do not take the above **shot-to-shot** variations into account. Furthermore, they are incapable of dealing with ...

[Pharmaceutical product comprising mite allergen extract\(s\) and a method for the ...](#)

WO EP US CN JP KR AU CA MX RU ZA [EP3662916A1](#) Heather Michelle Webster ALK-Abelló A/S

Priority 2010-06-03 • Filed 2011-06-03 • Published 2020-06-10

The invention relates to a pharmaceutical product comprising an allergen extract or an allergoid thereof for the treatment and/or prevention of allergy and allergic asthma caused by house dust mites, which extract comprises at least one extract of mite bodies selected from the following groups a)-b) ...

[Device for simulating a mortar](#)

WO EP US KR AU BR CA DE SG [EP3017267B1](#) Ernst Christians Rheinmetall Defence Electronics GmbH

Priority 2013-07-03 • Filed 2014-07-03 • Granted 2020-06-10 • Published 2020-06-10

... GNSS antennas can also be swiveled around at least one axis and can be fixed in a preferred position. The operation of the original weapon for firing the **shot** is not changed. The firing of the **shot** is detected on the mortar firing pin, the operation does not differ from the real firing of the **shot**.

[Medical imaging apparatus and control method thereof](#)

WO EP US KR [EP3197363B1](#) Min-Cheol Park Samsung Electronics Co., Ltd.

Priority 2014-09-26 • Filed 2015-09-25 • Granted 2020-06-10 • Published 2020-06-10

A control method for a medical imaging apparatus (200), the control method comprising: radiating (1210) X-rays onto an object and onto a calibration phantom (215), according to a first irradiating condition for a pre-**shot**; and detecting (1220) the X-rays having passed through the object and through ...

[A method for diagnosing or monitoring kidney function](#)

WO EP US CN JP CA DK ES HK PL RU TR [EP3361260B1](#) Andreas Bergmann sphingotec GmbH

Priority 2012-10-02 • Filed 2013-10-01 • Granted 2020-06-10 • Published 2020-06-10

All antibodies bound the MRPENK peptide, comparable to the peptides which were used for **immunization**. Except for NT-MRPENK-antibody (10% cross reaction with EEDDSLANSDDLK), no antibody showed a cross reaction with MR-PENK fragments not used for **immunization** of the individual antibody. Pro- ...

[Medical hollow needle assembly and method for manufacturing hollow needle](#)

WO EP US CN JP [EP3045194B1](#) Tetsuya Ooyauchi Terumo Kabushiki Kaisha

Priority 2013-09-11 • Filed 2014-09-10 • Granted 2020-06-10 • Published 2020-06-10

illustrates a syringe 1 with a fixed needle according to an embodiment of the present invention (medical hollow needle assembly). The syringe 1 with a fixed needle is used as a medical syringe for injecting a drug solution such as **vaccine** into a living body such as a human body, and includes a ...

[Compositions and methods for modulating an immune response](#)

WO EP US JP CA [EP3663763A1](#) Richard S. Blumberg The Brigham and Women's Hospital, Inc.

Priority 2013-11-26 • Filed 2014-11-25 • Published 2020-06-10

... nodules was carried out following lung inflation and fixation in 10% formalin. For DC **immunization** experiments, DC were isolated by collagenase digestion from the lung and draining lymph nodes of metastasis-bearing donor mice and 1×10^6 DC were injected s.c. into the hind footpad of recipient mice.

[Large diameter slag wool, composition and method of making same](#)

WO EP US CA MX TW [EP3475233B1](#) Wenqi Luan USG Interiors, LLC

Priority 2016-06-22 • Filed 2017-06-19 • Granted 2020-06-10 • Published 2020-06-10

A slag wool produced using the composition of any one of claims 1 to 3, wherein the slag wool has a fiber diameter in a range of 4.0 microns to 10.0 microns. The slag wool of claim 4, wherein the slag wool has a **shot** content of 50% or less, 45% or less, 40% or less. A method for the manufacture of ...

[BENZO\[b\]THIOPHENE STING AGONISTS FOR CANCER TREATMENT](#)

WO EP AU CA EP3661498A1 Saso CEMERSKI Merck Sharp & Dohme Corp.

Priority 2017-08-04 • Filed 2018-07-30 • Published 2020-06-10

Adjuvants, such as aluminum hydroxide or aluminum phosphate, can be added to increase the ability of the **vaccine** to trigger, enhance, or prolong an immune response. Additional materials, such as cytokines, chemokines, and bacterial nucleic acid sequences, like CpG, a toll-like receptor (TLR) 9 ...

[Bcma monoclonal antibody-drug conjugate](#)

WO EP US CN KR AU CA CO SG TW EP3661963A1 Krista KINNEER MedImmune, LLC

Priority 2017-08-01 • Filed 2018-07-31 • Published 2020-06-10

EXAMPLE 1 [0061] This example describes the generation of a monoclonal antibody directed against B- cell maturation antigen (BCMA). [0062] Following the RIMMS **immunization** regime described in Kilpatrick et al. , Hybridoma, 16(4): 381-389 (1997), six week old female Ablexis transgenic mice (Ablexis, ...

[Generating an environment map around a mobile object with high accuracy](#)

WO EP JP EP3662446A1 Takuto Motoyama Sony Corporation

Priority 2017-08-02 • Filed 2018-07-30 • Published 2020-06-10

<Superimposition of group of 3D points as measurement result of LiDAR on image> A measurement result of the LiDAR 301 is information indicating a group of points in a 3D space, and the measurement result is superimposed on an image **shot** by the camera 302 thereby to generate a distance image.

[Medical device and method for limiting the use of the medical device](#)

WO EP US CN JP [EP2780059B1](#) Ilona Eggert Sanofi-Aventis Deutschland GmbH

Priority 2011-11-18 • Filed 2012-11-15 • Granted 2020-06-10 • Published 2020-06-10

wherein in one embodiment the pharmaceutically active compound has a molecular weight up to 1500 Da and/or is a peptide, a proteine, a polysaccharide, a **vaccine**, a DNA, a RNA, an enzyme, an antibody or a fragment thereof, a hormone or an oligonucleotide, or a mixture of the above-mentioned ...

[Compact high mechanical energy storage and low trigger force actuator for the ...](#)

WO EP AU CA EP3661587A1 Pierre Armand Vincent LEMAIRE Vaxxas Pty Limited

Priority 2017-08-04 • Filed 2018-08-03 • Published 2020-06-10

[0229] In an alternate embodiment of the present applicator devices of the invention the microprojections of the microprojection array may be uncoated and the membrane may be coated by a substance such as a **vaccine**. In this embodiment the applicator pushes the microprojections of the ...

[Veterinary product](#)

WO EP CN AU CA EP3661603A1 Jeronimo Carnes Sanchez Laboratorios LETI, S.L. Unipersonal

Priority 2017-07-31 • Filed 2018-07-30 • Published 2020-06-10

There is provided a **vaccine** obtainable according to the process of the first aspect of the present invention. The **vaccine** may be for sub-cutaneous, sub-lingual or epicutaneous use. There is provided the use of a **vaccine** according to the present invention in the treatment of mite allergy or in the ...

[Transient silencing of argonaute1 and argonaute4 to increase recombinant ...](#)

WO EP CA EP3662067A1 Kiva FERRARO Plantform Corporation

Priority 2017-08-03 • Filed 2018-08-02 • Published 2020-06-10

19. The plant or plant cell of claim 16 or 17, wherein the recombinant protein is a therapeutic enzyme, optionally butyrylcholinesterase. 20. The plant or plant cell of claim 16 or 17, wherein the recombinant protein is a **vaccine** or a Virus Like Particle. 21 . An isolated nucleic acid molecule ...

[Hiv antibody compositions and methods of use](#)

WO EP US CN JP KR AU BR CA IL MX PH RU [EP3662930A1](#) Francois Vigneault AbViro LLC

Priority 2015-09-24 • Filed 2016-09-24 • Published 2020-06-10

According to another embodiment, the present invention provides a **vaccine** comprising at least one antibody of the invention and a pharmaceutically acceptable carrier. According to one embodiment, the **vaccine** is a **vaccine** comprising at least one antibody described herein and a pharmaceutically ...

[Thiazolopyridine derivatives as adenosine receptor antagonists](#)

WO EP CN KR AU CA SG TW EP3661941A1 Eva-Maria TANZER Merck Patent GmbH

Priority 2017-08-01 • Filed 2018-07-02 • Published 2020-06-10

Immunomodulators Interferon Dexosome therapy (Anosys) Oncophage (Antigenics) Pentrix (Australian Cancer GMK (Progenies) Technology) Adenocarcinoma **vaccine** JSF-154 (Tragen) (Biomira) Cancer **vaccine** (Intercell) CTP-37 (AVI BioPharma) Norelin (Biostar) JRX-2 (Immuno-Rx) BLP-25 (Biomira) PEP-005 (...

[Compositions and methods for inhibition of mica/b shedding](#)

WO EP US EP3661552A1 Lucas FERRARI DE ANDRADE Dana-Farber Cancer Institute, Inc.

Priority 2017-05-22 • Filed 2018-05-22 • Published 2020-06-10

An antigen may be MICA and/or MICB, or a fragment thereof. An antigen may also be a tumor antigen, against which protective or therapeutic immune responses are desired, e.g., antigens expressed by a tumor cell (e.g., in a **vaccine** in combination with an anti-MICA and/or anti-MICB antibody). [00135] ...

[Methods for activating immune cells](#)

WO EP CN KR AU CA SG EP3661545A1 Phillip S. KIM Trutino Biosciences Inc.

Priority 2017-08-04 • Filed 2018-08-03 • Published 2020-06-10

[0060] The term "**vaccine**" refers to a biological composition that, when administered to a subject, has the ability to produce an acquired immunity to a particular pathogen or disease in the subject. Typically, one or more antigens, or fragments of antigens, that are associated with the pathogen or ...

[Drug compound and purification methods thereof](#)

WO EP US CN KR AU CA SG EP3661522A2 Rajashree Joshi-Hangal Otsuka Pharmaceutical Co., Ltd.

Priority 2017-08-03 • Filed 2018-08-02 • Published 2020-06-10

[00223] In some embodiments, the lyophilized pharmaceutical composition described herein can be used in combination with a cancer **vaccine**, for example a cancer **vaccine** selected from a CTA cancer **vaccine**, such as a **vaccine** based on a CTA antigen selected from: NY- ESO-1, LAGE-1, MAGE-A1, -A2, -A3, - ...

[Methods for identifying and separating pro-allergic specific t cells](#)

WO EP EP3662057A1 Eric WAMBRE Benaroya Research Institute at Virginia Mason

Priority 2017-08-01 • Filed 2018-07-31 • Published 2020-06-10

... , such as allergen-specific immunotherapy (ASIT; also referred to as allergen **vaccine** therapy). The theory of ASIT is that exposure to gradually increasing allergen exposure will decrease the population of reactive pathogenic T cells and increase the population of T cells that promote tolerance.

[Device and method for multiple changes in the composition of a fluid](#)

DE DE102018009597A1 Martin Leuthold Sartorius Stedim Biotech Gmbh

Priority 2018-12-07 • Filed 2018-12-07 • Published 2020-06-10

) reach. In addition, by using an ultrafiltration membrane with a pore size of 2 to 100 nm as the second filter medium (5 , 15) a **vaccine** contained in the fluid as a product is retained by the ultrafiltration membrane. Components of the fluid that the second filter medium (5 , 15) can pass (e.g ...

[Purification process for biological molecules such as plasmid dna using anionic ...](#)

EP [EP3663401A1](#) Andreas Zurbriggen Lonza Limited

Priority 2019-02-28 • Filed 2019-02-28 • Published 2020-06-10

... pharmaceutically acceptable excipients. Plasmid DNA purified by the method of the present invention may be used as DNA-based **vaccine** or be used as a "prodrug" wherein the plasmid will then involve the cell's transcription and translation apparatus to biosynthesize the therapeutic entity in situ.

[Shot peening shot peening](#)

DE DE102018131530A1 Katrin Heider Schaeffler Technologies AG & Co. KG

Priority 2018-12-10 • Filed 2018-12-10 • Published 2020-06-10

Pressure piece for a synchronization gearbox with a heat-treated housing and cleaned by means of cleaning jets, characterized in that the pressure piece housing is treated by the cold-forming process of the **shot peening**. Method for increasing the strength of a housing of a pressure piece used in ...

[Methods for treating active eosinophilic esophagitis](#)

EP CN KR AU CA EP3661551A1 Allen Radin Regeneron Pharmaceuticals, Inc.

Priority 2017-08-04 • Filed 2018-08-03 • Published 2020-06-10

(4) Treatment with a live (attenuated) **vaccine** (Chickenpox (varicella), FluMist-Influenza, Intranasal influenza, Measles (rubeola), Measles-mumps-rubella combination, Measles-mumps-rubella-varicella combination, Mumps, Oral polio (Sabin), Oral typhoid, Rubella, Smallpox (vaccinia), Yellow fever, ...

[Composition for gene therapy of the central nervous system, process of ...](#)

WO EP BR [EP3662934A1](#) Roselena SILVESTRI SCHUH Universidade Federal Do Rio Grande Do Sul

Priority 2017-07-31 • Filed 2018-07-12 • Published 2020-06-10

... , especially due to their mucus adhesive properties, especially when the target is nasal administration aiming for the treatment of disorders of the central nervous system (Khatri, K. et al. Surface modified liposomes for nasal delivery of DNA **vaccine**. **Vaccine**, 2008, V. 26(18), p. 2225-33).

[Use of immune cell-specific gene expression for prognosis of prostate cancer ...](#)

WO EP AU CA EP3662082A2 Elai Davicioni Decipher Biosciences, Inc.

Priority 2017-08-04 • Filed 2018-08-02 • Published 2020-06-10

Methods, systems, and kits for the diagnosis, prognosis and the determination of cancer progression of prostate cancer in a subject are disclosed. In particular, the disclosure relates to the use of immune cell-specific gene expression in determining prognosis and identifying individuals in need ...

[Drive-in machine](#)

WO EP CN [EP3663049A1](#) Toshinori Yasutomi Koki Holdings Co., Ltd.

Priority 2017-07-31 • Filed 2018-06-29 • Published 2020-06-10

When determining "YES" at the step S2, the microcomputer 63 determines whether the operator is selecting the continuous **shot** mode or not at a step S3. When determining "YES" at the step S3, the microcomputer 63 performs the regular driving operation corresponding to the continuous **shot** mode at a ...

[Method and computer program product for detecting objects in night shots and ...](#)

DE DE102018221313A1 Mark Schutera Zf Friedrichshafen Ag

Priority 2018-12-10 • Filed 2018-12-10 • Published 2020-06-10

Method for detecting objects in night shots (x1) by means of a detector (O2) which is trained to detect objects in day shots (x2) of an environment of an automatically operated vehicle (40), comprising the method steps: Providing a night **shot** (x1) (V1), Mapping the night **shot** (x1) onto a feature ...

[Holding device for a vehicle and method for mounting a holding device](#)

DE DE102017007977B4 Martin Schoch Audi Ag

Priority 2017-08-23 • Filed 2017-08-23 • Granted 2020-06-10 • Published 2020-06-10

52 introduced. The clip 41 locked with the second **shot** 52 in a rest position. In a further step, the blocking agent 42 in the first **shot** 21st and in the second **shot** 52 inserted and locks the bracket 41 in the rest position. In the illustrated embodiment, the first **shot** 21st and the second **shot** 52

[Injection molding machine and injection molding information processing device](#)

EP CN JP [EP3381647B1](#) Masahiro Abe Sumitomo Heavy Industries, Ltd.

Priority 2017-03-31 • Filed 2018-03-29 • Granted 2020-06-10 • Published 2020-06-10

The reference **shot** may be a past **shot** of other shots to be compared and may be selected on the operation screen. The reference **shot** may be a **shot** at the time of shipment inspection at the manufacturer of the injection molding machine or may be a **shot** at the time of the injection molding at the ...

WO EP AU EP3661734A1 Owen Matthews Tyre Tuft Pty Ltd

Priority 2017-08-02 • Filed 2018-08-02 • Published 2020-06-10

18. The plug, kit or method of claim 15, wherein when the sealant is selected from the group consisting of Stans tire sealant, Tyre **Shot** sealant, Orange Seal sealant, Slime tire sealant, Continental sealant, Shimano sealant, Effetto Mariposa sealant, Tufo sealant, Mitas tyre sealant, ...

[Methods and compositions for viral-based gene editing in plants](#)

WO EP US AR CA EP3661354A1 Xingpeng LI R. J. Reynolds Tobacco Company

Priority 2017-07-31 • Filed 2018-07-30 • Published 2020-06-10

These expression vectors have proven versatile with demonstrated expression of numerous heterologous proteins, including cytokines, interferon, bacterial and viral antigens, growth hormone, **vaccine** antigens, single chain antibodies and monoclonal antibodies (mAbs). These expression levels support ...

[COMBINATIONS OF PD-1 ANTAGONISTS AND BENZO\[b](#)

WO EP AU CA EP3661499A1 Saso CEMERSKI Merck Sharp & Dohme Corp.

Priority 2017-08-04 • Filed 2018-07-30 • Published 2020-06-10

Adjuvants, such as aluminum hydroxide or aluminum phosphate, can be added to increase the ability of the **vaccine** to trigger, enhance, or prolong an immune response. Additional materials, such as cytokines, chemokines, and bacterial nucleic acid sequences, like CpG, a toll-like receptor (TLR) 9 ...

[Compositions and methods for targeting masas to treat cancers with spliceosome ...](#)

WO EP EP3662064A2 William Brian DALTON The Johns Hopkins University

Priority 2017-07-31 • Filed 2018-07-31 • Published 2020-06-10

[0393] As part of the process necessary to generate antibodies, which would be one therapeutic modality for targeting MASAs, immunogens representing the cryptic cell surface proteins to be targeted must be themselves created for **immunization** of animals and eventual screening of antibody ...

[Bispecific antibodies and uses thereof](#)

WO EP KR EP3661555A1 Yue Liu Ab Studio Inc.

Priority 2017-08-01 • Filed 2018-08-01 • Published 2020-06-10

NY. Acad Sci. 569:86-103; Flexner et al, 1990, **Vaccine**, 8: 17-21; U.S. Pat. Nos. 4,603,112, 4,769,330, and 5,017,487; WO 89/01973; U.S. Pat. No. 4,777,127; GB 2,200,651 ; EP 0,345,242; WO 91/02805; Berkner-Biotechmques, 6:616-627, 1988; Rosenfeld et al., 1991, Science, 252:431-434; Kolls et al, ...

[Virus vaccinal pour thérapie par prodroque activée par des enzymes exprimées ...](#)

WO EP US JP CA GB [EP3010518B1](#) Richard Marais The Institute of Cancer Research: Royal Cancer Hospital

Priority 2013-06-19 • Filed 2014-06-18 • Granted 2020-06-10 • Published 2020-06-10

Virus de la **vaccine** à utiliser dans le traitement d'une tumeur selon l'une quelconque des revendications précédentes, dans lequel le procédé comprend l'administration du virus de la **vaccine** par injection intraveineuse ou intratumorale. Virus de la **vaccine** à utiliser dans le traitement d'une tumeur ...

Patentes registradas en la United States Patent and Trademark Office (USPTO)

Results of Search in US Patent Collection db for: (ABST/vaccine AND ISD/20200526->20200601),

7 resultados.

PAT. NO.	Title
1 10,676,511	Coronaviruses epitope-based vaccines
2 10,675,345	Recombinant influenza virus vaccines for influenza
3 10,675,344	Multi-CBV vaccine for preventing or treating type I diabetes
4 10,675,343	Vaccines and methods for creating a vaccine for inducing immunity to all dengue virus serotypes
5 10,675,341	Parenteral norovirus vaccine formulations
6 10,675,338	Peptides and combination of peptides for use in immunotherapy against breast cancer and other cancers
7 10,675,249	Vaccine delivery systems using yeast cell wall particles

NOTA ACLARATORIA: Las noticias y otras informaciones que aparecen en este boletín provienen de sitios públicos, debidamente referenciados mediante vínculos a Internet que permiten a los lectores acceder a las versiones electrónicas de sus fuentes originales. Hacemos el mayor esfuerzo por verificar de buena fe la objetividad, precisión y certeza de las opiniones, apreciaciones, proyecciones y comentarios que aparecen en sus contenidos, pero este boletín no puede garantizarlos de forma absoluta, ni se hace responsable de los errores u omisiones que pudieran contener. En este sentido, sugerimos a los lectores cautela y los alertamos de que asumen la total responsabilidad en el manejo de dichas informaciones; así como de cualquier daño o perjuicio en que incurran como resultado del uso de estas, tales como la toma de decisiones científicas, comerciales, financieras o de otro tipo.

Edición: Annia Ramos Rodríguez aramos@finlay.edu.cu
Ma. Victoria Guzmán Sánchez mguzman@finlay.edu.cu
Randelys Molina Castro rmolina@finlay.edu.cu
Yamira Puig Fernández yamipuig@finlay.edu.cu
Rolando Ochoa Azze ochoa@finlay.edu.cu