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## ARTÍCULOS CIENTÍFICOS

**Publicaciones incluidas en *PubMED* durante el período comprendido entre el 28 de febrero al 6 de marzo de 2015. Con "vaccin\*" en título: 116 artículos recuperados.**

### ***Vacunas meningococo (*Neisseria meningitidis*)***

**65. [Conjugation of  \$\beta\$ -glucan markedly increase the immunogenicity of meningococcal group Y polysaccharide conjugate vaccine.](#)**

Qiao W, Ji S, Zhao Y, Hu T.

Vaccine. 2015 Feb 26. pii: S0264-410X(15)00234-0. doi: 10.1016/j.vaccine.2015.02.045. [Epub ahead of print]

PMID: 25728319  
 [PubMed - as supplied by publisher]  
 Select item 25728317

### ***Vacunas BCG – ONCO BCG (*Mycobacterium bovis*)***

**84. [Nonspecific beneficial effects of BCG vaccination in high-income countries, Should we extend recommendation of BCG vaccination?](#)**

Iglesias MJ, Martin C.

Clin Infect Dis. 2015 Feb 27. pii: civ148. [Epub ahead of print] No abstract available.

PMID: 25725055  
 [PubMed - as supplied by publisher]

### **Related citations**

Select item 25725054

**85. [Nonspecific \(Heterologous\) Protection of Neonatal BCG Vaccination Against Hospitalization due to Respiratory Infection and Sepsis.](#)**

López MJ, Pardo-Seco JJ, Martínón-Torres F.

Clin Infect Dis. 2015 Feb 27. pii: civ144. [Epub ahead of print]

PMID: 25725054  
[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25724985

102. [Excellent response to intralesional bacillus calmette-guérin vaccine in a recalcitrant periungual wart.](#)

Kumar P, Das A.

J Cutan Aesthet Surg. 2014 Oct-Dec;7(4):234-5. doi: 10.4103/0974-2077.150788. No abstract available.

PMID: 25722606  
[PubMed]  
[Free PMC Article](#)

[Related citations](#)

Select item 25722598

**Vacunas neumococo (*Streptococcus pneumoniae*)**

15. [Antibody concentrations against the infecting serotype in vaccinated and unvaccinated children with invasive pneumococcal disease in the United Kingdom, 2006-2013.](#)

Brousseau N, Andrews N, Waight P, Stanford E, Newton E, Almond R, Slack MP, Miller E, Borrow R, Ladhani SN.

Clin Infect Dis. 2015 Mar 3. pii: civ164. [Epub ahead of print]

PMID: 25737376  
[PubMed - as supplied by publisher]  
Select item 25737202

81. [French Haji pilgrims' experience with pneumococcal infection and vaccination: A knowledge, attitudes and practice \(KAP\) evaluation.](#)

Sridhar S, Belhouchat K, Drali T, Benkouiten S, Parola P, Brouqui P, Gautret P.

Travel Med Infect Dis. 2015 Feb 18. pii: S1477-8939(15)00029-0. doi: 10.1016/j.tmaid.2015.02.002. [Epub ahead of print]

PMID:  
25725996  
[PubMed - as supplied by publisher]  
Select item 25725360

**Vacuna tuberculosis (*Mycobacterium tuberculosis*)**

79. [Safety, immunogenicity, and efficacy of the candidate tuberculosis vaccine MVA85A in healthy adults infected with HIV-1: a randomised, placebo-controlled, phase 2 trial.](#)

Ndiaye BP, Thienemann F, Ota M, Landry BS, Camara M, Dièye S, Dieye TN, Esmail H, Goliath R, Huygen K, January V, Ndiaye I, Oni T, Raine M, Romano M, Satti I, Sutton S, Thiam A, Wilkinson KA, Mboup S, Wilkinson RJ, McShane H; for the MVA85A 030 trial investigators.

Lancet Respir Med. 2015 Feb 25. pii: S2213-2600(15)00037-5. doi: 10.1016/S2213-2600(15)00037-5. [Epub ahead of print]

PMID: 25726088

[PubMed - as supplied by publisher]

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Select item 25726086

80. [Host-directed therapy: tuberculosis vaccine development.](#)

Rao M, Zumla A, Maeurer M.

Lancet Respir Med. 2015 Feb 25. pii: S2213-2600(15)00055-7. doi: 10.1016/S2213-2600(15)00055-7. [Epub ahead of print] No abstract available.

PMID: 25726086

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Select item 25725996

***Vacuna tosferina (*Bordetella pertussis*)***

26. [\[Acellular vaccines \(DTPa/dTpa\) against whooping cough, protection duration.\]](#)

Rigo-Medrano MV, Mendoza-García JL, Gimeno-Gascón A, Roda-Ramón J, Cremades-Bernabeú I, Antequera-Rodríguez P, Alcalá-Minagorre PJ, Ortiz-de la Tabla V, Rodríguez-Díaz JC.

Enferm Infecc Microbiol Clin. 2015 Feb 27. pii: S0213-005X(15)00063-4. doi: 10.1016/j.eimc.2015.01.014. [Epub ahead of print] Spanish.

PMID: 25735715

[PubMed - as supplied by publisher]

Select item 25735641

62. [Pertussis in infants under one year old: Risk markers and vaccination status-A case-control study.](#)

Zamir CS, Dahan DB, Shoob H.

Vaccine. 2015 Feb 26. pii: S0264-410X(15)00239-X. doi: 10.1016/j.vaccine.2015.02.050. [Epub ahead of print]

PMID: 25728322

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Select item 25728321

63. [Uptake of a government-funded pertussis-containing booster vaccination program for parents of new babies in Victoria, Australia.](#)

Rowe SL, Cunningham HM, Franklin LJ, Lester RA.

Vaccine. 2015 Feb 26. pii: S0264-410X(15)00240-6. doi: 10.1016/j.vaccine.2015.02.051. [Epub ahead of print]

PMID: 25728321

[PubMed - as supplied by publisher]

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109. [Explaining alleged pertussis vaccine associated neurologic disorders.](#)

Long SS.

J Pediatr. 2015 Mar;166(3):507-10. doi: 10.1016/j.jpeds.2015.01.010. No abstract available.

PMID: 25722260  
[PubMed - in process]

[Related citations](#)

Select item 25722244

**Vacunas cólera (*Vibrio cholerae*)**

106. [Immunogenicity of the bivalent oral cholera vaccine Shanchol in Haitian adults with HIV infection.](#)

Ivers LC, Charles RC, Hilaire IJ, Mayo-Smith LM, Teng JE, Jerome JG, Rychert J, LaRocque RC, Xu P, Kováč P, Ryan ET, Qadri F, Almazor CP, Franke MF, Harris JB.

J Infect Dis. 2015 Feb 26. pii: jiv108. [Epub ahead of print]

PMID: 25722294  
[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25722291

**Vacunas, otras**

1. [Anti-metastatic effects of DNA vaccine encoding single-chain trimer composed of MHC I and vascular endothelial growth factor receptor 2 peptide.](#)

Chen R, Wang S, Yao Y, Zhou Y, Zhang C, Fang J, Zhang D, Zhang L, Pan J.

Oncol Rep. 2015 Feb 26. doi: 10.3892/or.2015.3820. [Epub ahead of print]

PMID:  
25739076  
[PubMed - as supplied by publisher]

Select item 25738832  2.

[Mothers' acceptance of human papillomavirus \(HPV\) vaccination for daughters in a country with a high prevalence of HPV.](#)

Alder S, Gustafsson S, Perinetti C, Mints M, Sundström K, Andersson S.

Oncol Rep. 2015 Feb 25. doi: 10.3892/or.2015.3817. [Epub ahead of print]

PMID:  
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[PubMed - as supplied by publisher]

Select item 25738816 ☐ 3.

[Outer membrane proteins preferentially load MHC class II peptides: Implications for as a Chlamydia trachomatis T cell vaccine.](#)

Karunakaran KP, Yu H, Jiang X, Chan Q, Moon KM, Foster LJ, Brunham RC.

Vaccine. 2015 Mar 1. pii: S0264-410X(15)00244-3. doi: 10.1016/j.vaccine.2015.02.055. [Epub ahead of print]

PMID:

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[PubMed - as supplied by publisher]

Select item 25738815 ☐ 4.

[Laboratory investigations of vaccinated patients with varicella.](#)

Siedler A, Dettmann M, Tolksdorf K, Polte C, Walter C, Ehlers B.

Vaccine. 2015 Mar 1. pii: S0264-410X(15)00246-7. doi: 10.1016/j.vaccine.2015.02.057. [Epub ahead of print]

PMID:

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Select item 25738667 ☐ 5.

[Long-Term Efficacy of a Hepatitis E Vaccine.](#)

Zhang J, Zhang XF, Huang SJ, Wu T, Hu YM, Wang ZZ, Wang H, Jiang HM, Wang YJ, Yan Q, Guo M, Liu XH, Li JX, Yang CL, Tang Q, Jiang RJ, Pan HR, Li YM, Shih JW, Ng MH, Zhu FC, Xia NS.

N Engl J Med. 2015 Mar 5;372(10):914-922.

PMID:

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Select item 25738664 ☐ 6.

[Making Hepatitis E a Vaccine-Preventable Disease.](#)

Teshale E, Ward JW.

N Engl J Med. 2015 Mar 5;372(10):899-901.

PMID:

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Select item 25738605 ☐ 7.

[Optimized codon usage enhances the expression and immunogenicity of DNA vaccine encoding \*Taenia solium\* oncosphere TSOL18 gene.](#)

Wang YY, Chang XL, Tao ZY, Wang XL, Jiao YM, Chen Y, Qi WJ, Xia H, Yang XD, Sun X, Shen JL, Fang Q.

Mol Med Rep. 2015 Feb 24. doi: 10.3892/mmr.2015.3387. [Epub ahead of print]

PMID:

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Select item 25738581 ☐ 8.

[The Pneumovirinae fusion \(F\) protein: a common target for vaccines and antivirals.](#)

Melero JA, Mas V.

Virus Res. 2015 Mar 1. pii: S0168-1702(15)00114-8. doi: 10.1016/j.virusres.2015.02.024. [Epub ahead of print]

PMID:

25738581

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Select item 25738552 ☐ 9.

[\*Xylella fastidiosa\* isolates from both subsp. \*multiplex\* and \*fastidiosa\* cause disease on southern highbush blueberry \(\*Vaccinium\* sp.\) under greenhouse conditions.](#)

Oliver J, Cobine P, de la Fuente L.

Phytopathology. 2015 Mar 4. [Epub ahead of print]

PMID:

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Select item 25738420 ☐ 10.

[Immunogenicity and safety of vaccination against seasonal 2012 influenza virus among patients with psoriatic arthritis and psoriasis.](#)

Polachek A, Korobko U, Mader-Balakirski N, Arad U, Levartovsky D, Kaufman I, Anouk M, Litinsky I, Wigler I, Mendelson E, Paran D, Matz H, Caspi D, Mandelboim M, Elkayam O.

Clin Exp Rheumatol. 2015 Feb 18. [Epub ahead of print]

PMID:

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Select item 25738258  11.

[Immune-enhancing effect of nano-DNA vaccine encoding a gene of the prME protein of Japanese encephalitis virus and BALB/c mouse granulocyte-macrophage colony-stimulating factor.](#)

Zhai Y, Zhou Y, Li X, Feng G.

Mol Med Rep. 2015 Mar 4. doi: 10.3892/mmr.2015.3419. [Epub ahead of print]

PMID:

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[PubMed - as supplied by publisher]

Select item 25737831  12.

[Assessment of intensive vaccination and antiviral treatment in 2009 influenza pandemic in Korea.](#)

Chu C, Lee S.

Osong Public Health Res Perspect. 2015 Feb;6(1):47-51. doi: 10.1016/j.phrp.2014.11.007. Epub 2014 Dec 24.

PMID:

25737831

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Select item 25737825  13.

[Preparation and Evaluation of a New Lipopolysaccharide-based Conjugate as a Vaccine Candidate for Brucellosis.](#)

Siadat SD, Vaziri F, Eftekhary M, Karbasian M, Moshiri A, Aghasadeghi MR, Ardestani MS, Alitappeh MA, Arsang A, Fateh A, Peerayeh SN, Bahrmand AR.

Osong Public Health Res Perspect. 2015 Feb;6(1):9-13. doi: 10.1016/j.phrp.2014.10.012. Epub 2014 Dec 18.

PMID:

25737825

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Select item 25737397  14.

[Alginate microparticles loaded with lipopolysaccharide subunit antigen for mucosal vaccination against \*Klebsiella pneumoniae\*.](#)

Jain RR, Mehta MR, Bannalika AR, Menon MD.

Biologicals. 2015 Feb 28. pii: S1045-1056(15)00006-8. doi: 10.1016/j.biologicals.2015.02.001. [Epub ahead of print]

PMID:

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Select item 25737376 ☐ 15.

[Antibody concentrations against the infecting serotype in vaccinated and unvaccinated children with invasive pneumococcal disease in the United Kingdom, 2006-2013.](#)

Brousseau N, Andrews N, Waight P, Stanford E, Newton E, Almond R, Slack MP, Miller E, Borrow R, Ladhani SN.

Clin Infect Dis. 2015 Mar 3. pii: civ164. [Epub ahead of print]

PMID:

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Select item 25737202 ☐ 16.

[Induction of local secretory IgA and multifunctional CD4<sup>+</sup> T-helper cells following intranasal immunisation with a H5N1 whole inactivated influenza virus vaccine in BALB/c mice.](#)

Trondsen M, Aqrawi LA, Zhou F, Pedersen G, Trieu MC, Zhou P, Cox RJ.

Scand J Immunol. 2015 Mar 2. doi: 10.1111/sji.12288. [Epub ahead of print]

PMID:

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Select item 25737198 ☐ 17.

[Molecular attributes of conjugate antigen influence function of antibodies induced by anti-nicotine vaccine in mice and non-human primates.](#)

McCluskie MJ, Thorn J, Mehelic PR, Kolhe P, Bhattacharya K, Finneman JI, Stead DR, Piatckek MB, Zhang N, Chikh G, Cartier J, Evans DM, Merson JR, Davis HL.

Int Immunopharmacol. 2015 Feb 28. pii: S1567-5769(15)00086-7. doi: 10.1016/j.intimp.2015.02.030. [Epub ahead of print]

PMID:

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[The challenges in developing effective canine infectious respiratory disease vaccines.](#)

Mitchell JA, Brownlie J.

J Pharm Pharmacol. 2015 Mar 3. doi: 10.1111/jphp.12380. [Epub ahead of print]

PMID:

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[PubMed - as supplied by publisher]

Select item 25736506 ☐ 19.

[Porous nanoparticles as delivery system of complex antigens for an effective vaccine against acute and chronic \*Toxoplasma gondii\* infection.](#)

Dimier-Poisson I, Carpentier R, N'Guyen TT, Dahmani F, Ducournau C, Betbeder D.

Biomaterials. 2015 May;50:164-75. doi: 10.1016/j.biomaterials.2015.01.056. Epub 2015 Feb 19.

PMID:

25736506

[PubMed - in process]

Select item 25736485 ☐ 20.

[Sequential/Parallel Production of Potential Malaria Vaccines-a Direct Way from Single Batch to Quasi-Continuous Integrated Production.](#)

Luttmann R, Borchert SO, Müller C, Lögering K, Aupert F, Weyand S, Kober C, Faber B, Cornelissen G.

J Biotechnol. 2015 Feb 28. pii: S0168-1656(15)00077-2. doi: 10.1016/j.jbiotec.2015.02.022. [Epub ahead of print]

PMID:

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Select item 25736113 ☐ 21.

[\[Changes in splenocyte proliferation, subsets and cytokine production in mice immunized with recombinant vaccine \*Bifidobacterium bifidum\* \(pGEX-Sj32\) of \*Schistosoma japonicum\*\].](#)

Tan JR, Li WG, Qin T.

Nan Fang Yi Ke Da Xue Xue Bao. 2015 Feb;35(2):202-7. Chinese.

PMID:

25736113

[PubMed - in process]

Select item 25736108 ☐ 22.

[\[Construction of a vector encoding T-cell epitopes of \*Dermatophagoides pteronyssinus\* major allergen group 1 as a vaccine delivered by MHC class II pathway\].](#)

Zhao BB, Jiang YX, Diao JD, Li N, Lu W, Li CP.

Nan Fang Yi Ke Da Xue Xue Bao. 2015 Feb;35(2):174-8. Chinese.

PMID:

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[PubMed - in process]

Select item 25735952 ☐ 23.

[The Epstein-Barr virus lytic protein BZLF1 as a candidate target antigen for vaccine development.](#)

Hartlage AS, Liu T, Patton JT, Garman SL, Zhang X, Kurt H, Lozanski G, Lustberg ME, Caligiuri MA, Baiocchi RA.

Cancer Immunol Res. 2015 Mar 3. pii: canimm.0242.2014. [Epub ahead of print]

PMID:

25735952

[PubMed - as supplied by publisher]

Select item 25735921 ☐ 24.

[Novel Approaches for Vaccination Against HPV-Induced Cancers.](#)

King E, Ottensmeier C, Pollock KG.

Curr Top Microbiol Immunol. 2015 Mar 4. [Epub ahead of print]

PMID:

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Select item 25735896 ☐ 25.

[A method of lyophilizing vaccines containing aluminum salts into a dry powder without causing particle aggregation or decreasing the immunogenicity following reconstitution.](#)

Li X, Thakkar SG, Ruwona TB, Williams RO 3rd, Cui Z.

J Control Release. 2015 Feb 28. pii: S0168-3659(15)00146-7. doi: 10.1016/j.jconrel.2015.02.035. [Epub ahead of print]

PMID:

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Select item 25735715 ☐ 26.

[\[Acellular vaccines \(DTPa/dTpa\) against whooping cough, protection duration.\]](#)

Rigo-Medrano MV, Mendoza-García JL, Gimeno-Gascón A, Roda-Ramón J, Cremades-Bernabeú I, Antequera-Rodríguez P, Alcalá-Minagorre PJ, Ortiz-de la Tabla V, Rodríguez-Díaz JC.

Enferm Infecc Microbiol Clin. 2015 Feb 27. pii: S0213-005X(15)00063-4. doi: 10.1016/j.eimc.2015.01.014. [Epub ahead of print] Spanish.

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Select item 25735641 ☐ 27.

[Dendritic cell-based autologous tumor vaccines for head and neck squamous cell carcinoma: Promise vs reality.](#)

Whiteside TL, Ferris RL, Szczepanski M, Tublin M, Kiss J, Johnson R, Johnson JT.

Head Neck. 2015 Mar 3. doi: 10.1002/hed.24025. [Epub ahead of print]

PMID:

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Select item 25735464 ☐ 28.

[Expression profile of bio-defense genes in Penaeus monodon gills in response to formalin inactivated white spot syndrome virus vaccine.](#)

Sudheer NS, Poulouse G, Thomas A, Viswanath K, Kulkarni A, Narayanan RB, Philip R, Singh IS.

Antiviral Res. 2015 Feb 28. pii: S0166-3542(15)00047-9. doi: 10.1016/j.antiviral.2015.02.008. [Epub ahead of print]

PMID:

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[PubMed - as supplied by publisher]

Select item 25734776 ☐ 29.

[Ectopic Expression of Vaccinia Virus E3 and K3 Cannot Rescue Ectromelia Virus Replication in Rabbit RK13 Cells.](#)

Hand ES, Haller SL, Peng C, Rothenburg S, Hersperger AR.

PLoS One. 2015 Mar 3;10(3):e0119189. doi: 10.1371/journal.pone.0119189. eCollection 2015.

PMID:

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[Free Article](#)

Select item 25734507 ☐ 30.

[Negatively charged glyconanoparticles modulate and stabilize the secondary structures of a gp120 V3 loop peptide: Towards full synthetic HIV vaccine candidates.](#)

Di Gianvincenzo P, Calvo J, Perez S, Alvarez A, Bedoya LM, Alcamí J, Penadés S.

Bioconjug Chem. 2015 Mar 3. [Epub ahead of print]

PMID:

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[PubMed - as supplied by publisher]

Select item 25734170  31.

[Point-of-Use Mixing of Influenza H5N1 Vaccine and MF59 Adjuvant for Pandemic Vaccination Preparedness: Antibody Responses and Safety. A Phase 1 Clinical Trial.](#)

Mulligan MJ, Bernstein DI, Frey S, Winokur P, Rouphael N, Dickey M, Edupuganti S, Spearman P, Anderson E, Graham I, Noah DL, Mangal B, Kim S, Hill H, Whitaker J, Emery W, Beck A, Stephens K, Hartwell B, Ogilvie M, Rimann N, Osinski E, Destefano E, Gajadhar T, Strudwick A, Pierce K, Lai L, Yue L, Wang D, Ying C, Cline A, Foltz T, Wagner N, Dull G, Pacatte T, Taggart B, Johnson V, Haller L, Looney C, Li S, May M, Myers B, May R, Parker L, Cochran N, Bowen D, Bell M, Scoggins J, Burns A, Stablein C, Wolff M, Jolles B, Leung B, Lambert L, Shorer S, Buchanan W, Murray S, Chang S, Gorman R.

Open Forum Infect Dis. 2014 Nov 18;1(3):ofu102. doi: 10.1093/ofid/ofu102.  
eCollection 2014 Dec.

PMID:

25734170

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Select item 25734169  32.

[Mumps serum antibody levels before and after an outbreak to assess infection and immunity in vaccinated students.](#)

Gouma S, Schurink-Van't Klooster TM, de Melker HE, Kerkhof J, Smits GP, Hahné SJ, van Els CA, Boland GJ, Vossen AC, Goswami PR, Koopmans MP, van Binnendijk RS.

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eCollection 2014 Dec.

PMID:

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Select item 25734167  33.

[World health organization approaches to evaluating the potential use and quality of hepatitis e vaccine.](#)

Harmanci H, Duclos P, Rodriguez Hernandez CA, Meek A, Balakrishnan MR, Kumar Arora N, Wiktor SZ.

Open Forum Infect Dis. 2014 Dec 2;1(3):ofu099. doi: 10.1093/ofid/ofu099.  
eCollection 2014 Dec. No abstract available.

PMID:

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[Hepatitis e vaccine to prevent morbidity and mortality during epidemics.](#)

Nelson KE, Shih JW, Zhang J, Zhao Q, Xia N, Ticehurst JR, Labrique AB.

Open Forum Infect Dis. 2014 Nov 4;1(3):ofu098. doi: 10.1093/ofid/ofu098.  
eCollection 2014 Dec.

PMID:

25734166

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Select item 25734162  35.

[Mumps antibody response in young adults after a third dose of measles-mumps-rubella vaccine.](#)

Fiebelkorn AP, Coleman LA, Belongia EA, Freeman SK, York D, Bi D, Zhang C, Ngo L, Rubin S.

Open Forum Infect Dis. 2014 Oct 18;1(3):ofu094. doi: 10.1093/ofid/ofu094.  
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PMID:

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Select item 25734159  36.

[Safety, Reactogenicity, and Immunogenicity of Inactivated Monovalent Influenza A\(H5N1\) Virus Vaccine Administered With or Without AS03 Adjuvant.](#)

Chen WH, Jackson LA, Edwards KM, Keitel WA, Hill H, Noah DL, Creech CB, Patel SM, Mangal B, Kotloff KL.

Open Forum Infect Dis. 2014 Oct 8;1(3):ofu091. doi: 10.1093/ofid/ofu091. eCollection 2014 Dec.

PMID:

25734159

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Select item 25734142  37.

[Neuraminidase-Inhibiting Antibody Response to H5N1 Virus Vaccination in Chronically Ill and Immunocompromised Patients.](#)

Fritz R, Hetzelt N, Ilk R, Hohenadl C, van der Velden MV, Aichinger G, Portsmouth D, Kistner O, Howard MK, Barrett PN, Kreil TR.

Open Forum Infect Dis. 2014 Aug 25;1(2):ofu072. doi: 10.1093/ofid/ofu072.  
eCollection 2014 Sep.

PMID:

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Select item 25734141  38.

[Staphylococcus aureus Infections After Elective Cardiothoracic Surgery: Observations From an International Randomized Placebo-Controlled Trial of an Investigational S aureus Vaccine.](#)

Allen KB, Fowler VG Jr, Gammie JS, Hartzel JS, Onorato MT, DiNubile MJ, Sobanjo-Ter Meulen A.

Open Forum Infect Dis. 2014 Aug 26;1(2):ofu071. doi: 10.1093/ofid/ofu071.  
eCollection 2014 Sep.

PMID:

25734141  
[PubMed]

Select item 25734126  39.

[Low Multiplicity of HIV-1 Infection and No Vaccine Enhancement in VAX003 Injection Drug Users.](#)

Sterrett S, Learn GH, Edlefsen PT, Haynes BF, Hahn BH, Shaw GM, Bar KJ.

Open Forum Infect Dis. 2014 Aug 14;1(2):ofu056. doi: 10.1093/ofid/ofu056.  
eCollection 2014 Sep.

PMID:

25734126  
[PubMed]

Select item 25734089  40.

[Safety Profile of the Merck Human Immunodeficiency Virus-1 Clade B gag DNA Plasmid Vaccine With and Without Adjuvants.](#)

Quirk EK, Brown EL, Leavitt RY, Mogg R, Mehrotra DV, Evans RK, DiNubile MJ, Robertson MN.

Open Forum Infect Dis. 2014 May 17;1(1):ofu016. doi: 10.1093/ofid/ofu016.  
eCollection 2014 Mar.

PMID:

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Select item 25733753  41.

[Physician Response to Parental Requests to Spread Out the Recommended Vaccine Schedule.](#)

Kempe A, O'Leary ST, Kennedy A, Crane LA, Allison MA, Beaty BL, Hurley LP, Brtnikova M, Jimenez-Zambrano A, Stokley S.

Pediatrics. 2015 Mar 2. pii: peds.2014-3474. [Epub ahead of print]

PMID:

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Select item 25733557 ☐ 42.

[The promise of reverse vaccinology.](#)

Heinson AI, Woelk CH, Newell ML.

Int Health. 2015 Mar;7(2):85-89. Review.

PMID:

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[PubMed - as supplied by publisher]

Select item 25733540 ☐ 43.

[Results from a survey of national immunization programmes on home-based vaccination record practices in 2013.](#)

Young SL, Gacic-Dobo M, Brown DW.

Int Health. 2015 Mar 2. pii: ihv014. [Epub ahead of print]

PMID:

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[PubMed - as supplied by publisher]

Select item 25733520 ☐ 44.

[PD-1 deficiency Enhances Humoral Immunity of Malaria infection-treated vaccine.](#)

Liu T, Lu X, Zhao C, Fu X, Zhao T, Xu W.

Infect Immun. 2015 Mar 2. pii: IAI.02621-14. [Epub ahead of print]

PMID:

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Economic evaluation of typhoid vaccination in a prolonged typhoid outbreak setting: The case of Kasese district in Uganda.  
Vaccine. 2015 Feb 21. pii: S0264-410X(15)00204.  
PubMed: [www.amedeo.com/p2.php?id=25712333&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25712333&s=vac&pm=badc2a9eebb0fad)  
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PubMed: [www.amedeo.com/p2.php?id=25707694&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25707694&s=vac&pm=badc2a9eebb0fad)  
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A randomized phase I study of the safety and immunogenicity of three ascending dose levels of a 3-antigen Staphylococcus aureus vaccine (SA3Ag) in healthy adults.  
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PubMed: [www.amedeo.com/p2.php?id=25707693&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25707693&s=vac&pm=badc2a9eebb0fad)  
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28. NIVED P, Jorgensen CS, Settergren B.  
Vaccination status and immune response to 13-valent pneumococcal conjugate vaccine in asplenic individuals.  
Vaccine. 2015 Feb 20. pii: S0264-410X(15)00203.  
PubMed: [www.amedeo.com/p2.php?id=25707692&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25707692&s=vac&pm=badc2a9eebb0fad)  
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Cholera toxin-B (ctxB) antigen expressing Salmonella Typhimurium polyvalent vaccine exerts protective immune response against Vibrio cholerae infection.  
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Acceptability of human papillomavirus vaccines among women older than 26 years.  
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33. SANSRI V, Meemon K, Changklungmoa N, Kueakhai P, et al.  
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Assessing the economic benefits of vaccines based on the health investment life course framework: A review of a broader approach to evaluate malaria vaccination. Vaccine. 2015 Feb 17. pii: S0264-410X(15)00116.

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PubMed: [www.amedeo.com/p2.php?id=25701314&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25701314&s=vac&pm=badc2a9eebb0fad)

ABSTRACT available

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Now that you want to take your HIV/AIDS vaccine/biological product research concept into the clinic: What are "cGMP"?

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Share: <http://m.amedeo.com/25698494>

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The safety and immunogenicity of an adenovirus type 35-vectored TB vaccine in HIV-infected, BCG-vaccinated adults with CD4 T cell counts  $\geq$  350 cells/mm

Vaccine. 2015 Feb 16. pii: S0264-410X(15)00170.

PubMed: [www.amedeo.com/p2.php?id=25698492&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25698492&s=vac&pm=badc2a9eebb0fad)

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Vaccine. 2015 Feb 16. pii: S0264-410X(15)00172.

PubMed: [www.amedeo.com/p2.php?id=25698490&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25698490&s=vac&pm=badc2a9eebb0fad)

ABSTRACT available

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Genetic conjugation of components in two pneumococcal fusion protein vaccines enhances paediatric mucosal immune responses.

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Comparative evaluation of the protective efficacy of two formulations of a recombinant Chlamydia abortus subunit candidate vaccine in a mouse model. Vaccine. 2015 Feb 16. pii: S0264-410X(15)00173.  
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Share: <http://m.amedeo.com/25698486>

42. WYSOCKI J, Brzostek J, Szymanski H, Tetiurka B, et al.  
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43. PFALLER CK, Cattaneo R, Schnell MJ.  
Reverse genetics of Mononegavirales: How they work, new vaccines, and new cancer therapeutics. Virology. 2015 Feb 18. pii: S0042-6822(15)00041.  
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Share: <http://m.amedeo.com/25702088>

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PubMed: [www.amedeo.com/p2.php?id=25702330&s=vac&pm=badc2a9eebb0fad](http://www.amedeo.com/p2.php?id=25702330&s=vac&pm=badc2a9eebb0fad)  
Share: <http://m.amedeo.com/25702330>

## PATENTES

**United States Patent and Trademark Office (USPTO)**

**Estrategia de búsqueda "vaccine" en título y abstract**

**(ABST/vaccine AND ISD/20150223->20150306): 7 patentes recuperadas.**

**Vacunas, otras**

| PAT.<br>NO. | Title                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>    | <b><u>8,968,996</u></b> <b><u>Compositions and methods for rapid immunization against dengue virus</u></b>                                                |
| <b>2</b>    | <b><u>8,968,749</u></b> <b><u>Vaccine composition and immunization method</u></b>                                                                         |
| <b>3</b>    | <b><u>8,968,746</u></b> <b><u>Complexation of nucleic acids with disulfide-crosslinked cationic components for transfection and immunostimulation</u></b> |
| <b>4</b>    | <b><u>8,968,744</u></b> <b><u>Aqueous composition comprising a biological antigen and an acrylic acid polymer</u></b>                                     |
| <b>5</b>    | <b><u>8,961,990</u></b> <b><u>Vaccine and methods to reduce campylobacter infection</u></b>                                                               |
| <b>6</b>    | <b><u>8,961,985</u></b> <b><u>Immunotherapy against several tumors including neuronal and brain tumors</u></b>                                            |
| <b>7</b>    | <b><u>8,961,983</u></b> <b><u>Mucosal vaccine using cationic nanogel</u></b>                                                                              |

## **European Patent Office (EPO)**

**Acumulado entre el 23 de febrero y el 6 de marzo de 2015: 24**  
**patentes recuperadas**

### **Vacuna tuberculosis (Mycobacterium tuberculosis)**



#### **12. NOVEL LIVE RECOMBINANT BOOSTER VACCINE AGAINST TUBERCULOSIS**

| Inventor:             | Applicant:           | CPC:                         | IPC:                       | Publication info: | Priority date: |
|-----------------------|----------------------|------------------------------|----------------------------|-------------------|----------------|
| HORWITZ MARCUS A [US] | UNIV CALIFORNIA [US] | <a href="#">A61K2039/522</a> | <a href="#">A61K39/02</a>  | US2015056242 (A1) | 2010-06-15     |
| JIA QINGMEI [US]      |                      | <a href="#">A61K2039/523</a> | <a href="#">A61K39/04</a>  | 2015-02-26        |                |
|                       |                      | <a href="#">A61K2039/545</a> | <a href="#">C07K14/195</a> |                   |                |
|                       |                      | (+10)                        | (+1)                       |                   |                |

### **Vacunas, otras**

#### **1. Aseptic-anopheles-species insects, aseptic plasmodium-species sporozoites obtained therefrom and a vaccine comprising aseptic plasmodium-species sporozoites**

| Inventor:              | Applicant:       | CPC:                       | IPC:                       | Publication info: | Priority date: |
|------------------------|------------------|----------------------------|----------------------------|-------------------|----------------|
| HOFFMAN STEPHEN L [US] | SANARIA INC [US] | <a href="#">A01K67/033</a> | <a href="#">A01K67/00</a>  | SI2000026 (T1)    | 2002-04-05     |
| LUKE THOMAS C [US]     |                  |                            | <a href="#">A01K67/033</a> | 2015-02-27        |                |
|                        |                  |                            | <a href="#">A61B17/20</a>  |                   |                |
|                        |                  |                            | (+3)                       |                   |                |



#### **2. COMPOSITIONS AND DOSAGE REGIMES COMPRISING A CLOSTRIDIAL VACCINE AND LEVAMISOLE**

| Inventor:                  | Applicant:                 | CPC:                         | IPC:                      | Publication info: | Priority date: |
|----------------------------|----------------------------|------------------------------|---------------------------|-------------------|----------------|
| LEECH WAYNE FREDERICK [NZ] | BAYER NEW ZEALAND LTD [NZ] | <a href="#">A61K2039/545</a> | <a href="#">A61K31/00</a> | SI2376113 (T1)    | 2008-12-24     |
|                            |                            | <a href="#">A61K2039/552</a> | <a href="#">A61K39/00</a> | 2015-02-27        |                |
|                            |                            | <a href="#">A61K2300/00</a>  | <a href="#">A61P31/00</a> |                   |                |
|                            |                            | (+7)                         | (+1)                      |                   |                |



#### **3. BACTERIAL VACCINE AGAINST BACTERIAL INFECTIVE AGENTS, TO BE USED IN ANIMALS**

| Inventor:             | Applicant:                                       | CPC:                         | IPC:                      | Publication info: | Priority date: |
|-----------------------|--------------------------------------------------|------------------------------|---------------------------|-------------------|----------------|
| GERLACH GERALD-F [DE] | STIFTUNG TIERAERZTLICHE HOCHSCHULE HANNOVER [DE] | <a href="#">A61K2039/522</a> | <a href="#">A61K39/00</a> | SI1957103 (T1)    | 2005-11-30     |
| MEENS JOCHEN [DE]     |                                                  | <a href="#">A61K39/0241</a>  | <a href="#">A61K39/00</a> | 2015-02-27        |                |
| (+2)                  |                                                  | <a href="#">A61K39/0275</a>  | <a href="#">C07K14/00</a> |                   |                |
|                       |                                                  | (+3)                         |                           |                   |                |



#### **4. MYCOPLASMA HYOPNEUMONIAE VACCINE**

| Inventor:             | Applicant:      | CPC:                          | IPC:                      | Publication info: | Priority date: |
|-----------------------|-----------------|-------------------------------|---------------------------|-------------------|----------------|
| GALVIN JEFFREY E [US] | ZOETIS LLC [US] | <a href="#">A61K2039/5252</a> | <a href="#">A61K39/02</a> | HRP20140957 (A2)  | 2012-          |
|                       |                 | <a href="#">A61K2039/552</a>  | <a href="#">A61K39/12</a> | 2015-02-27        |                |

NITZEL GREGORY  
P [US]  
(+4)

[A61K2039/55566](#) [A61K39/295](#)  
(+7)

04-04



5. [RECOMBINANT VACCINE AGAINST VIRAL HEMORRHAGIC SEPTICEMIA VIRUS](#)

Inventor:

ESTEPA PEREZ  
MARIA AMPARO  
[ES]  
MARTINEZ LOPEZ  
ALICIA [ES]

Applicant:  
UNIV MIGUEL HERNANDEZ  
DE ELCHE [ES]  
CPC:

IPC: [A61K39/205](#)  
[C12N15/47](#) Publication info: WO2015025068 (A1)  
2015-02-26

Priority  
date:  
2013-  
08-23



6. [NEW RABIES VACCINE AND METHOD FOR PREPARATION THEREOF](#)

Applicant:

Inventor:  
ZHOU  
DONGMING [CN]  
CHI YUDAN [CN]  
(+2)

CHENGDU FARWITS  
BIOTECHNOLOGY CO LTD  
[CN]  
INST PASTEUR OF  
SHANGHAI CHINESE  
ACADEMY OF SCIENCES  
[CN]  
CPC:

IPC: [A61K39/205](#)  
[A61P31/14](#)  
[C12N15/861](#) Publication info: WO2015024484 (A1)  
2015-02-26

Priority  
date:  
2013-  
08-19



7. [VACCINE FROM CELL FACTOR MUTANT OF HETEROGENEOUS ANIMAL](#)

Inventor:

GAO BIN [CN]  
LIU CHANGZHEN  
[CN]  
(+1)

Applicant:  
CHINESE ACAD INST  
MICROBIOLOGY [CN]  
CPC:

IPC: [A61K38/19](#)  
[A61P19/10](#)  
[A61P35/00](#) Publication info: WO2015024148 (A1)  
2015-02-26  
(+1)

Priority  
date:  
2013-  
08-23



8. [PORCINE CIRCOVIRUS TYPE 2 \(PCV2\) SUBUNIT VACCINE](#)

Inventor:

HAIWICK  
GREGORY [US]  
EICHMEYER  
MARC ALLAN  
[US]  
(+4)

Applicant:  
HAIWICK GREGORY [US]  
EICHMEYER MARC ALLAN  
[US]  
(+5)  
CPC: [A61K2039/552](#)  
[A61K39/12](#)  
[C12N2750/10034](#)

IPC: [A61K39/12](#) Publication info: US2015056248 (A1)  
2015-02-26

Priority  
date:  
2013-  
08-23



9. [SUBUNIT VACCINE DELIVERY PLATFORM FOR ROBUST HUMORAL AND CELLULAR IMMUNE RESPONSES](#)

Inventor:

PUTNAM DAVID  
A [US]  
ROSENTHAL  
JOSEPH [US]  
(+3)

Applicant:  
UNIV CORNELL [US]

CPC: [A61K2039/52](#)  
[A61K2039/523](#)  
[A61K2039/6068](#)  
(+9)

IPC: [A61K38/16](#)  
[A61K39/015](#)  
[A61K39/38](#) Publication info: US2015056246 (A1)  
2015-02-26  
(+1)

Priority  
date:  
2012-  
04-06



10. [RECOMBINANT INACTIVATED VIRAL VECTOR VACCINE](#)

Inventor:

LOZANO-  
DUBERNARD

Applicant:  
AVI MEX S A DE C V LAB  
[MX]

CPC: [A61K2039/5252](#)  
[A61K2039/5256](#)

IPC: [A61K39/145](#)  
[C12N7/00](#) Publication info: US2015056245 (A1)  
2015-02-26

Priority  
date:  
2008-

|                                                            |                                      |       |
|------------------------------------------------------------|--------------------------------------|-------|
| BERNARDO [MX]<br>SARFATI-<br>MIZRAHI DAVID<br>[MX]<br>(+3) | <a href="#">A61K2039/54</a><br>(+15) | 11-19 |
|------------------------------------------------------------|--------------------------------------|-------|

☐ 11. [MULTICOMPONENT OR MONOCOMPONENT VACCINE TO BE USED AGAINST CHAGAS DISEASE, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM, PROCEDURE FOR THE OBTENTION OF IMMUNOGEN OF SAID VACCINES, AND NUCLEIC ACID USED IN SAID PROCEDURE](#)

|                                             |                                       |                                                                                                         |                            |                                 |                |
|---------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|----------------|
| Inventor:                                   | Applicant:                            | CPC:                                                                                                    | IPC:                       | Publication info:               | Priority date: |
| DE<br>BAEREMAECKER<br>BARROS CARLOS<br>[UY] | DE BAEREMAECKER<br>BARROS CARLOS [UY] | <a href="#">A61K2039/53</a><br><a href="#">A61K2039/55505</a><br><a href="#">A61K2039/55522</a><br>(+2) | <a href="#">A61K39/005</a> | US2015056243 (A1)<br>2015-02-26 | 2007-10-31     |

☐ 12. [NOVEL LIVE RECOMBINANT BOOSTER VACCINE AGAINST TUBERCULOSIS](#)

|                                                 |                      |                                                                                                       |                                                                                              |                                 |                |
|-------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------|----------------|
| Inventor:                                       | Applicant:           | CPC:                                                                                                  | IPC:                                                                                         | Publication info:               | Priority date: |
| HORWITZ<br>MARCUS A [US]<br>JIA QINGMEI<br>[US] | UNIV CALIFORNIA [US] | <a href="#">A61K2039/522</a><br><a href="#">A61K2039/523</a><br><a href="#">A61K2039/545</a><br>(+10) | <a href="#">A61K39/02</a><br><a href="#">A61K39/04</a><br><a href="#">C07K14/195</a><br>(+1) | US2015056242 (A1)<br>2015-02-26 | 2010-06-15     |

☐ 13. [METHOD OF ALTERING THE IMMUNDOMINANCE HIERARCHY OF HIV GAG BY DNA VACCINE EXPRESSING CONSERVED REGIONS](#)

|                                                           |                                                                               |                                                                                                  |                                                                                   |                                 |                |
|-----------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|----------------|
| Inventor:                                                 | Applicant:                                                                    | CPC:                                                                                             | IPC:                                                                              | Publication info:               | Priority date: |
| PAVLAKIS<br>GEORGE [US]<br>FELBER<br>BARBARA [US]<br>(+1) | GOVERNMENT OF THE US<br>SECRETARY OF THE DEPT<br>[US]<br>UNIV WASHINGTON [US] | <a href="#">A61K2039/53</a><br><a href="#">A61K2039/545</a><br><a href="#">A61K39/12</a><br>(+7) | <a href="#">A61K39/21</a><br><a href="#">A61N1/32</a><br><a href="#">C12N7/00</a> | US2015056237 (A1)<br>2015-02-26 | 2012-03-02     |

☐ 14. [COMBINATION VACCINE](#)

|                                                             |                   |                                                          |                                                          |                                 |                |
|-------------------------------------------------------------|-------------------|----------------------------------------------------------|----------------------------------------------------------|---------------------------------|----------------|
| Inventor:                                                   | Applicant:        | CPC:                                                     | IPC:                                                     | Publication info:               | Priority date: |
| KALLEN KARL-<br>JOSEF [DE]<br>KRAMPS THOMAS<br>[DE]<br>(+2) | CUREVAC GMBH [DE] | <a href="#">A61K39/145</a><br><a href="#">A61K39/155</a> | <a href="#">A61K39/145</a><br><a href="#">A61K39/155</a> | WO2015024669 (A1)<br>2015-02-26 | 2013-08-21     |

☐ 15. [RESPIRATORY SYNCYTIAL VIRUS \(RSV\) VACCINE](#)

|                                                        |                   |                            |                            |                                 |                |
|--------------------------------------------------------|-------------------|----------------------------|----------------------------|---------------------------------|----------------|
| Inventor:                                              | Applicant:        | CPC:                       | IPC:                       | Publication info:               | Priority date: |
| KRAMPS THOMAS<br>[DE]<br>SCHNEE MARGIT<br>[DE]<br>(+2) | CUREVAC GMBH [DE] | <a href="#">A61K39/155</a> | <a href="#">A61K39/155</a> | WO2015024668 (A2)<br>2015-02-26 | 2013-08-21     |

☐ 16. [COMPOSITION AND VACCINE FOR TREATING LUNG CANCER](#)

|                            |                   |                             |                           |                                 |                |
|----------------------------|-------------------|-----------------------------|---------------------------|---------------------------------|----------------|
| Inventor:                  | Applicant:        | CPC:                        | IPC:                      | Publication info:               | Priority date: |
| KALLEN KARL-<br>JOSEF [DE] | CUREVAC GMBH [DE] | <a href="#">A61K39/0011</a> | <a href="#">A61K39/00</a> | WO2015024666 (A1)<br>2015-02-26 | 2013-          |

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08-21



17. [RABIES VACCINE](#)

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[A61K39/205](#)

IPC:

[A61K39/205](#)

Publication info:

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Priority  
date:

2013-  
08-21



18. [COMPOSITION AND VACCINE FOR TREATING PROSTATE CANCER](#)

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[A61K39/0011](#)

IPC:

[A61K39/00](#)

Publication info:

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19. [FOWL ADENOVIRUS VACCINE](#)

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[A61K2039/552](#)  
[A61K39/00](#)  
[A61K39/235](#)

IPC:

[A61K39/00](#)  
[A61K39/235](#)  
[A61P1/16](#)  
(+1)

Publication info:

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Priority  
date:

2013-  
08-19



20. [FOWL ADENOVIRUS VACCINE](#)

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[A61K2039/552](#)  
[A61K39/235](#)  
[C12N2710/10234](#)

IPC:

[A61K39/235](#)

Publication info:

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2015-02-26

Priority  
date:

2013-  
08-19



21. [VACCINE FOR USE IN PREVENTING ADENOVIRAL GIZZARD EROSION](#)

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[A61K2039/525](#)  
[A61K2039/552](#)  
[A61K39/235](#)  
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IPC:

[A61K39/00](#)  
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Publication info:

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date:

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08-19



22. [MULTIVALENT BREAST CANCER VACCINE](#)

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CPC:

[A61K2039/55566](#)  
[A61K2039/70](#)  
[A61K35/17](#)  
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IPC:

[G01N33/68](#)

Publication info:

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Priority  
date:

2012-  
04-16



23. [RECOMBINANT TRIVALENT VACCINE AGAINST HUMAN INFLUENZA](#)

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[A61K2039/543](#)  
[A61K2039/55555](#)**(+14)****IPC:**[A61K39/145](#)  
[A61P31/16](#)  
[C07K14/11](#)**(+2)****Publication info:****EP2839840 (A1)  
2015-02-25****Priority  
date:****2012-  
02-28****24. [RODENT PLASMODIUM PARASITES AS PLATFORMS FOR A WHOLE-ORGANISM MALARIA VACCINE](#)****Inventor:****PRUD NCIO  
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MIGUEL [PT]  
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MOLECULAR [PT]****CPC:**[A61K2039/52](#)  
[A61K2039/523](#)  
[A61K2039/58](#)**(+1)****IPC:**[A61K39/015](#)**Publication info:****EP2838554 (A1)  
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date:****2012-  
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