

# VT SANIDAD ANIMAL 7

**Vigilancia  
Tecnológica**  
3<sup>er</sup> trimestre 2012



MINISTERIO  
DE INDUSTRIA, ENERGÍA  
Y TURISMO



**Vet+i**  
Plataforma Tecnológica Española  
de Sanidad Animal

El Boletín de Vigilancia Tecnológica en Sanidad Animal es el resultado del trabajo conjunto de la Oficina Española de Patentes y Marcas (OEPM) y la Plataforma Tecnológica Española de Sanidad Animal (Vet+i), quienes han aunado esfuerzos para ofrecer a los adheridos de Vet+i y a cualquier interesado en sanidad animal, una información puntual, esquemática y de rápida lectura sobre las últimas patentes publicadas en este campo.

Este séptimo número recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el tercer trimestre de 2012 en el ámbito de la sanidad animal, las cuales aparecen distribuidas según la especie animal de aplicación de las mismas. Asimismo, se incorpora un capítulo que recoge solicitudes de patentes sobre tecnologías de apli-

cación general y contiene un apartado de enlaces a [noticias](#) de interés en materia de propiedad industrial, así como sobre las actividades de la Plataforma.

El boletín, que tiene una periodicidad trimestral, se enmarca dentro del convenio de colaboración suscrito por ambas organizaciones para facilitar, impulsar y estimular el conocimiento y la utilización de los derechos de Propiedad Industrial por parte de las organizaciones y empresas adheridas a la Plataforma Vet+i.

Se puede acceder al listado de solicitudes de patentes para cada grupo pulsando sobre las imágenes que aparecen a continuación.

## Contenido



Bovino



Ovino y  
Caprino



Porcino



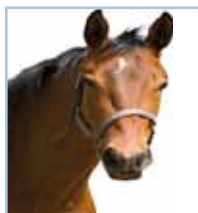
Avicultura



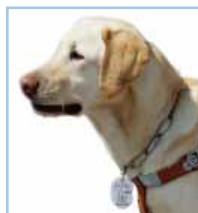
Acuicultura



Apicultura



Équidos



Mascotas



Varios



| Nº de publicación          | Solicitante                  | País de origen | Contenido Técnico   |
|----------------------------|------------------------------|----------------|---|
| CN 102342979 A<br>20120208 | Zhang D                      | China          | Health care product for post recovery of Foot-and-mouth disease of milk cow comprises preset amount of e.g. Arctium lappa, borneol, Forsythia fructus, Radix Saposhnikoviae, Radix Pseudostellariae and glycine chelated iron                   |
| CN 102389030 A<br>20120328 | Li Y                         | China          | Use of sublancin 168 as a livestock medicine, and for inhibiting Staphylococcus aureus, treating dairy cow mastitis, Gan Paul disease and livestock diarrhea, improving immune system and promoting livestock growth                            |
| CN 102429921 A<br>20120502 | Bao Q                        | China          | Product, covered on cow nipple to form a protective film after a cow is milked, useful for protecting and disinfecting cow nipple, preventing bacteria and disinfecting to prevent mastitis   |
| CN 102429927 A<br>20120502 | Wuhan Dapeng Pharm Co<br>LTD | China          | Bovine gallstone preparation by fermenting bovine bile, preparing calcium bilirubinate using fermented bovine bile, and adding fermented bovine bile, antioxidant and purified water, adjusting pH and performing off-axis directional rotation |

| Nº de publicación          | Solicitante                         | Pais de origen | Contenido Técnico  |
|----------------------------|-------------------------------------|----------------|--|
| CN 102462686 A<br>20120523 | Tianjin Rip Biotechnology Co LTD    | China          | Medical composition for curing livestock colibacillosis comprises ceftiofur hydrochloride, tazobactam sodium, probenecid sodium, dexamethasone sodium phosphate, betacyclodextrin and pharmaceutically acceptable auxiliary materials            |
| CN 102462838 A<br>20120523 | Shen H                              | China          | Biological system useful for producing biological vaccine used in preparation of medicine for treating/preventing diseases e.g. common cold and pneumonia, comprises Bacillus anthracis cells having deleted/defected gene and vector            |
| CN 102552605 A<br>20120711 | Wen Y                               | China          | External tibetan veterinary medicine, e.g. used in expelling toxin and removing necrotic tissue in animals, includes calcined plaster, fried frankincense, wadalee gum tree, borneol, scorpion blood, realgar, Lamiophlomis rotata and dandelion |
| CN 102475749 A<br>20120530 | Univ Guizhou                        | China          | Traditional Chinese medicine transdermal agent for treating dairy cow recessive mastitis, comprises dandelion, honeysuckle, Trichosanthes kirilowii maxim, and fructus Forsythia   |
| CN 102512446 A<br>20120627 | Qingdao Lvman Bioengineering Co LTD | China          | Sodium sulfate compound composition spray useful for treating livestock diseases and mammitis, comprises anhydrous sodium sulfate, anhydrous copper sulfate, anhydrous zinc sulfate, dimethyl sulfide and distilled water                        |

| Nº de publicación  | Solicitante                          | País de origen | Contenido Técnico   |
|--|--------------------------------------|----------------|---|
| <a href="#">CN 102512451 A</a><br><a href="#">20120627</a> | Wuhan Jiamin Dapeng Pharm Co LTD     | China          | Preparing cattle gallstone from fermented fel bovis and composite calcium bilirubinate, involves preparing fermented fel bovis, obtaining cattle gallstone, culturing cattle gallstone, and carrying out off-axis rotation                      |
| <a href="#">CN 102450282 A</a><br><a href="#">20120516</a> | Zhou D                               | China          | Ecofriendly and long-acting series drug, useful e.g. for preventing and controlling zoonotic infectious vector e.g. fleas, comprises e.g. an insect growth regulator and a plant essential oil containing multiple components                   |
| <a href="#">CN 102524558 A</a><br><a href="#">20120704</a> | Inner Mongolia Yili Ind Group Co LTD | China          | Feed additive useful for treating cow subclinical mastitis comprises biological agent e.g. antimicrobial peptides, organic selenium and vitamin E   |
| <a href="#">CN 102526175 A</a><br><a href="#">20120704</a> | Tianjin Zhongao Biotechnology Co LTD | China          | Traditional Chinese medicinal composition useful for e.g. preventing livestock metritis, mastitis,agalactia, comprises e.g. semen vaccariae, Astragalus mongholicus, Angelica sinensis, Codonopsis pilosula, Ligusticum wallichii and dandelion |
| <a href="#">CN 102526224 A</a><br><a href="#">20120704</a> | Tianjin Zhongao Biotechnology Co LTD | China          | Traditional Chinese medicinal composition used for livestock for discharging fire and relaxing bowel, comprises folium isatidis, radix isatidis, gypsum, Rheum officinale, natrii sulfas exsiccatus, fructus cannabis and honeysuckle           |
| <a href="#">CN 102488694 A</a><br><a href="#">20120613</a> | Qilu Animal Health Prod Co LTD       | China          | Infusion medicine for treating dairy cattle mastitis, comprises cefquinome sulfate, prednisolone, flunixin meglumine, glycerin monostearate, vaseline (Petroleum jelly), ethylparaben and liquid paraffin                                       |

| Nº de publicación  | Solicitante                              | País de origen | Contenido Técnico  |
|--|--|----------------|--|
| <a href="#">CN 102488695 A</a><br><a href="#">20120613</a>   | Guangzhou Heshengtang<br>Animal Pharm CO | China          | Instant florfenicol, useful for e.g. treating chicken diarrhea, comprises florfenicol and carbamide and optionally sulfamonomethoxine sodium   |
| <a href="#">CN 102488814 A</a><br><a href="#">20120613</a>   | Inst Animal Sci Caas                     | China          | Traditional Chinese medicinal composition, useful e.g. for treating bovine mastitis, comprises e.g. root of red-rooted Salvia, Angelica sinensis, Astragalus mongholicus, root of common peony, Corydalis tuber, rhizoma Cyperus and liquorice |
| <a href="#">CN 102579597 A</a><br><a href="#">20120718</a>   | Jinling Inst Technology                  | China          | Traditional Chinese medicine for treating mammals livestock mastitis, comprises Dandelion, Semenovaccariae, raw radix Astragalii, Akebiaquinata, Fructus forsythia, Spina gleditsiae, Fructus Liquidambaris, radix Bupleuri, and Liquorice     |
| <a href="#">US 2012164171 A1</a><br><a href="#">20120628</a> | De Los Santos Teresa B                   | Usa            | Antiviral activity of bovine type III interferon against Foot-and-mouth disease virus  |
|  | Zhu James J                              | Usa            |  |
|  | Diaz-San Segundo Fayna                   | Usa            |  |
|  | Grubman Marvin J                         | Usa            |  |
|  | Koster Marla J                           | Usa            |  |
| <a href="#">WO 2012101167</a><br><a href="#">A1 20120802</a> | Austrianova Singapore Pte Ltd            | Singapur       | Protection of microbial cells from acidic degradation  |
|  | Guenzburg Walter H                       | Singapur       |  |
|  | Brandtner Eva Maria                      | Singapur       |  |
|  | Salmons Brian Salmons                    | Singapur       |  |
|  | Dangerfield John A                       | Singapur       |  |
| <a href="#">WO 2012092053</a><br><a href="#">A1 20120705</a> | Lilly Co Eli                             | Usa            | Bovine viral diarrhea virus type 1b vaccine compositions and methods   |
|  | Weise Dale Wade                          | Usa            |  |
|  | Harris James Robert                      | Usa            |  |
| <a href="#">WO 2012092226</a><br><a href="#">A1 20120705</a> | Biomune Company                          | Usa            | Veterinary vaccine composition against infections caused by salmonella   |
|  | Zhou Han E                               | Usa            |  |
|  | Ruehling Roger                           | Usa            |  |
|  | Dorsey Kristi Mae                        | usa            |  |
| <a href="#">WO 2012116447</a><br><a href="#">A1 20120907</a> | Univ Alberta                             | Canada         | Use of bacterial endotoxins and lipoteichoic acids to improve postpartal health and productivity of dairy cows and their newborns  |
|  | Ametaj Burim N                           | Canada         |  |

| Nº de publicación            | Solicitante                    | País de origen | Contenido Técnico   |
|------------------------------|--------------------------------|----------------|---|
| WO 2012119203<br>A1 20120913 | Ondek Pty Ltd                  | Australia      | Gene expression and eradication system in helicobacter pylori   |
|                              | Benghezal Mohammed             | Australia      |   |
|                              | Debowski Aleksandra Weronika   | Australia      |   |
|                              | Sehna Miriam                   | Australia      |   |
|                              | Dieye Yakhya                   | Australia      |   |
|                              | Park Se-Hoon                   | Korea (South)  |   |
|                              | Marshall Barry                 | Australia      |   |
| JP 2012126657 A<br>20120705  | Aureo Kk                       | Japan          | Composition and method for preventing and treating mastitis   |
| WO 2012108830<br>A1 20120816 | Lavivo Ab                      | Sweden         | Synbiotic compositions for restoration and reconstitution of gut microbiota                           |
|                              | Wadstroem Torkel               | Sweden         |   |
|                              | Ljungh Aasa                    | Sweden         |   |
|                              | Ambalam Padma                  | India          |   |
|                              | Kondepudi Kanthi Kiran         | India          |   |
| WO 2012109167<br>A1 20120816 | Integrated Biotherapeutics Inc | Usa            | Immunogenic composition comprising alpha-hemolysin oligopeptides                                      |
|                              | Aman Mohammad Javad            | Usa            |   |
|                              | Adhikari Rajan Prasad          | Usa            |   |
|                              | Karauzum Hatice                | Usa            |   |
|                              | Warfield Kelly Lyn             | Usa            |   |
| KR 20120077795 A<br>20120710 | Iac in Nat Univ Chungnam       | Korea (South)  | Eriobotrya japonica extract or its fraction having antiviral, antioxidative and antimicrobial effects |
| KR 20120077808 A<br>20120710 | Iac in Nat Univ Chungnam       | Korea (South)  | Goatsbeard extract or its fraction having antiviral, antioxidative and antimicrobial effects          |
| WO 2012076016<br>A1 20120614 | Univ Danmarks Tekniske         | Denmark        | Process for the manufacture of ajoene derivatives   |
|                              | Bjarnsholt Thomas              | Denmark        |   |
|                              | Hoeiby Niels                   | Denmark        |   |
|                              | Jensen Peter Oestrup           | Denmark        |   |
|                              | Phipps Richard                 | Denmark        |   |
|                              | Shanmugham Meenakshi Sundaram  | Denmark        |   |
|                              | Gennip Maria Van               | Denmark        |   |
|                              | Christensen Louise Dahl        | Denmark        |   |
|                              | Jakobsen Tim Holm              | Denmark        |   |
|                              | Tanner David                   | Denmark        |   |
|                              | Larsen Thomas Ostenfeld        | Denmark        |   |
| Givskov Michael              | Denmark                        |                |   |

| Nº de publicación  | Solicitante                                | País de origen | Contenido Técnico   |
|--|--|----------------|---|
| <a href="#">CN 102423320 A</a><br><a href="#">20120425</a>   | Wuhan Jianmin Dapeng Pharmaceutical Co LTD | China          | Method for preparing fermented oxgall by using oxgall   |
| <a href="#">CN 102423357 A</a><br><a href="#">20120425</a>   | Qingdao Lvman Bioengineering Co LTD        | China          | Compound propolis composition spray for treating livestock foot-and-mouth disease and its preparation method  |
| <a href="#">US 2012225037 A1</a><br><a href="#">20120906</a> | Mygalaxy LTD Company                       | Usa            | Sporulation-deficient B. taylorii cells and methods for efficient and cost-effective inactivation and use thereof   |
| <a href="#">KR 20120051196 A</a><br><a href="#">20120522</a> | Bionote Inc                                | Korea (South)  | Bovine tuberculosis diagnosing kit and diagnosing method using the same   |
|  | Rep Kr Nat Veterinary Research             | Korea (South)  |   |
| <a href="#">KR 20120054465 A</a><br><a href="#">20120530</a> | Dan Biotech                                | Korea (South)  | Recombinant spike protein comprising bovine coronavirus epitope and antibody  |
| <a href="#">WO 2012105562</a><br><a href="#">A1 20120809</a> | Meiji Seika Pharma Co Ltd                  | Japan          | Novel macrolide derivative  |
|  | Kurihara Kenichi                           | Japan          |   |
|  | Mitomi Masaaki                             | Japan          |   |
| <a href="#">WO 2012105563</a><br><a href="#">A1 20120809</a> | Meiji Seika Pharma Co Ltd                  | Japan          | Veterinary drug comprising macrolide derivative   |
|  | Kurihara Kenichi                           | Japan          |   |
|  | Sakai Masayo                               | Japan          |   |
|  | Kitsuta Shigeki                            | Japan          |   |
|  | Hayashimoto Mizuki                         | Japan          |   |
|  | Mitomi Masaaki                             | Japan          |   |
| <a href="#">WO 2012109752</a><br><a href="#">A1 20120823</a> | Socpra Sciences Et Genie S E C             | Canada         | Steroid alkaloids and uses thereof as antimicrobial agents against electron transport-deficient microbes and as potentiators for antimicrobial agents against pathogenic bacteria |
|  | Malouin Francois                           | Canada         |   |
|  | Mitchell Gabriel                           | Canada         |   |
|  | Bouarab Kamal                              | Canada         |   |
|  | Marsault Eric                              | Canada         |   |
|  | Chagnon Felix                              | Canada         |   |
|  | Boulanger Simon                            | Canada         |   |
|  | Guay Isabelle                              | Canada         |   |
| <a href="#">WO 2012089231</a><br><a href="#">A1 20120705</a> | Okairos Ag                                 | Switzerland    | Paramyxovirus vaccines  |
|  | Vitelli Alessandra                         | Italy          |   |
|  | Nicosia Alfredo                            | Italy          |   |
|  | Cortese Riccardo                           | Italy          |   |

| Nº de publicación            | Solicitante                                   | País de origen | Contenido Técnico   |
|------------------------------|---|----------------|---|
| WO 2012105312<br>A1 20120809 | Calpis Co Ltd                                 | Japan          | Arthritis prevention/amelioration substance   |
|                              | Itoh Kikuji                                   | Japan          |   |
|                              | Fujiwara Shigeru                              | Japan          |   |
| BR PI1005541 A2<br>20120320  | Ouro Fino Participacoes E Empreendimentos S A | Brazil         | Phytotherapeutic pharmaceutical combination of lippia salviifolia and lippia sidoides, phytotherapeutic pharmaceutical composition, process for preparing a phytotherapeutic pharmaceutical composition and veterinary uses thereof |
|                              | Associacao De Ensino De Ribeirao Preto        | Brazil         |   |
| CN 102389565 A<br>20120328   | Zhao L  | China          | Medicine used for treating or preventing animal diseases, e.g. high fever, hyperpyrexia, cold, mycoplasma pneumonia, swine plague, and contagious bovine pleuropneumonia, comprises thymopentin                                     |
| CN 102488899 A<br>20120613   | Tianjin Jimingsheng Biotech Co LTD            | China          | Preparing yolk immunoglobulin sustained-release composition used for preventing and treating stomach and intestinal diseases, by culturing humanoid rotavirus, injecting liquid to specific pathogen free hen, and processing yolk  |
| US 2012156248 A1<br>20120621 | Omnigen Res L L C                             | Usa            | Augmentation of titer for vaccination in animals  |
| WO 2012071559<br>A2 20120531 | Presage Biosciences Inc                       | Usa            | Therapeutic methods and compositions for solid delivery   |
|                              | Klinghoffer Richard                           | Usa            |   |
|                              | Frazier Jason                                 | Usa            |   |
|                              | Grenley Marc                                  | Usa            |   |
| CN 102512446 A<br>20120627   | Qingdao Lvman Bioengineering Co LTD           | China          | Sodium sulfate compound composition spray useful for treating livestock diseases and mammitis, comprises anhydrous sodium sulfate, anhydrous copper sulfate, anhydrous zinc sulfate, dimethyl sulfoxide and distilled water         |
| KR20110079430 A<br>20110707  | So S K  | Korea (South)  | Immune-boosting composition comprising immuned beestings and immuned york   |



| Nº de publicación                         | Solicitante                   | País de origen | Contenido Técnico  |
|---|-------------------------------|----------------|--|
| <a href="#">WO2012089338 A1 20120705</a>  | Curevac Gmbh                  | Germany        | Combination of vaccination and inhibition of mhc class restricted antigen presentation   |
| <a href="#">KR 20110111712 A 20111012</a> | Univ Ulsan Found For Ind Coop | Korea (South)  | Method targeting megalin for diagnosis, prevention or treatment of body weight disorders |
| <a href="#">WO 2012090006 A2 20120705</a> | Imp Innovations Ltd           | United Kingdom | Methods for improving fracture healing and bone formation                                |
|   | Nanchahal Jagdeep             | United Kingdom |  |
|   | Horwood Nicole                | United Kingdom |  |
| <a href="#">US 2012142709 A1 20120607</a> | Selness Shaun R               | Usa            | Substituted pyridinone-pyridinyl compounds   |
|   | Monahan Joseph B              |                |  |
|   | Schindler John F              |                |  |
|   | Devadas Balekudru             |                |  |
| <a href="#">US 2012196819 A1 20120802</a> | Newmarket Pharmaceuticals LLC | Usa            | Animal treatments  |
| <a href="#">KR 20120085451 A 20120801</a> | Snu R&Db Foundation           | Korea (South)  | Novel bacteriocin from bacillus cereus atcc 13061 and antibiotic composition thereof     |
| <a href="#">WO 2012080461 A1 20120621</a> | Sanofi Sa                     | France         | Mirnas in joint disease  |
|   | Heermeier Kathrin             | Germany        |  |
|   | Schneider Johannes Christof   | Germany        |  |
|   | Leeuw Thomas                  | Germany        |  |
|   | Metz-Weidmann Christiane      | Germany        |  |
|   | Saas Joachim                  | Germany        |  |
|   | Beninga Jochen                | Germany        |  |
|   | Dietz Uwe                     | Germany        |  |
|   | Weiss Tilo                    | Germany        |  |
| Bartnik Eckart                            | Germany                       |                |  |
| <a href="#">WO 2012088431 A1 20120628</a> | Ironwood Pharmaceuticals Inc  | Usa            | Faah inhibitors  |
|   | Hudson Colleen                | Usa            |  |
|   | Barden Timothy C              | Usa            |  |
|   | Jia James                     | Usa            |  |
|   | Mermerian Ara                 | Usa            |  |
|   | Peng Bo                       | Usa            |  |
|   | Yang Jane                     | Usa            |  |
|   | Yu Xiang Y                    | Usa            |  |
| Sprott Kevin                              | Usa                           |                |  |



# VT Ovino y Caprino



| Nº de publicación          | Solicitante                      | País de origen | Contenido Técnico   |
|----------------------------|----------------------------------|----------------|---|
| CN 102389030 A<br>20120328 | Li Y                             | China          | Use of sublancin 168 as a livestock medicine, and for inhibiting <i>Staphylococcus aureus</i> , treating dairy cow mastitis, Gan Paul disease and livestock diarrhea, improving immune system and promoting livestock growth                        |
| CN 102462686 A<br>20120523 | Tianjin Rip Biotechnology Co LTD | China          | Medical composition for curing livestock colibacillosis comprises ceftiofur hydrochloride, tazobactam sodium, probenecid sodium, dexamethasone sodium phosphate, beta-cyclodextrin and pharmaceutically acceptable auxiliary materials              |
| CN 102462827 A<br>20120523 | Wu X                             | China          | Traditional Chinese medicine powder used for treating postpartum mastitis of Boer goat, includes honeysuckle, fructus forsythiae, dandelion, Chinese violet, snake gourd seed, burdock, pollen, <i>Scutellaria baicalensis</i> , and radix bupleuri |
| CN 102462838 A<br>20120523 | Shen H                           | China          | Biological system useful for producing biological vaccine used in preparation of medicine for treating/preventing diseases e.g. common cold and pneumonia, comprises <i>Bacillus anthracis</i> cells having deleted/defected gene and vector        |

| Nº de publicación  | Solicitante  | País de origen | Contenido Técnico   |
|--|--|----------------|---|
| <a href="#">CN 102552539 A</a><br><a href="#">20120711</a> | East Ujimqin Banner Yueyi Biotechnology Co Ltd<br>Yang W | China          | Traditional Chinese medicine useful for preparing drug for treating rheumatic arthritis, rheumatoid arthritis, comprises sheep tibial lyophilized powder, sheep kidney lyophilized powder, cinnamon, wolfberry, and Zaoocys dhumnades           |
| <a href="#">CN 102512446 A</a><br><a href="#">20120627</a> | Qingdao Lvman Bioengineering Co LTD                      | China          | Sodium sulfate compound composition spray useful for treating livestock diseases and mammitis, comprises anhydrous sodium sulfate, anhydrous copper sulfate, anhydrous zinc sulfate, dimethyl sulfoxide and distilled water                     |
| <a href="#">CN 102526175 A</a><br><a href="#">20120704</a> | Tianjin Zhongao Biotechnology Co LTD                     | China          | Traditional Chinese medicinal composition useful for e.g. preventing livestock metritis, mastitis,agalactia, comprises e.g. semen vaccariae, Astragalus mongholicus, Angelica sinensis, Codonopsis pilosula, Ligusticum wallichii and dandelion |
| <a href="#">CN 102526224 A</a><br><a href="#">20120704</a> | Tianjin Zhongao Biotechnology Co LTD                     | China          | Traditional Chinese medicinal composition used for livestock for discharging fire and relaxing bowel, comprises folium isatidis, radix isatidis, gypsum, Rheum officinale, natrii sulfas exsiccatus, fructus cannabis and honeysuckle           |
| <a href="#">CN 102488695 A</a><br><a href="#">20120613</a> | Guangzhou Heshengtang Animal Pharm CO                    | China          | Instant florfenicol, useful for e.g. treating chicken diarrhea, comprises florfenicol and carbamide and optionally sulfamonomethoxine sodium  |
| <a href="#">CN 102579597 A</a><br><a href="#">20120718</a> | Jinling Inst Technology                                  | China          | Traditional Chinese medicine for treating mammals livestock mastitis, comprises Dandelion, Semenvaccariae, raw radix Astragali, Akebiaquinata, Fructus forsythia, Spina gleditsiae, Fructus Liquidambaris, radix Bupleuri, and Liquorice        |

| Nº de publicación   | Solicitante   | País de origen | Contenido Técnico  |
|---|---|----------------|--|
| <a href="#">KR 20110111712 A1</a><br><a href="#">20111012</a> | Univ Ulsan Found For Ind Coop   | Korea (South)  | Method targeting megalin for diagnosis, prevention or treatment of body weight disorders |
| <a href="#">US 2012164171 A1</a><br><a href="#">20120628</a>  | Us Sec Of Agric de los Santos Teresa B<br>Zhu James J<br>Diaz-san Segundo Fayna<br>Grubman Marvin J<br>Koster Marla J | Usa            | Antiviral activity of bovine yype III interferon against foot-and-mouth disease virus    |
|   |   | Usa            |  |
|   |   | Usa            |  |
|   |   | Usa            |  |
|   |   | Usa            |  |
| <a href="#">WO 2012101167 A1</a><br><a href="#">20120802</a>  | Austrianova Singapore Pte Ltd   | Singapur       | Protection of microbial cells from acidic degradation                                    |
|   | Guenzburg Walter H  | Singapur       |  |
|   | Brandtner Eva Maria   | Singapur       |  |
|   | Salmons Brian Salmons<br>Dangerfield John A   | Singapur       |  |
| <a href="#">WO 2012090006 A2</a><br><a href="#">20120705</a>  | Imp Innovations Ltd   | United Kingdom | Methods for improving fracture healing and bone formation                                |
|   | Nanchahal Jagdeep   | United Kingdom |  |
|   | Horwood Nicole  | United Kingdom |  |
| <a href="#">WO 2012092226 A1</a><br><a href="#">20120705</a>  | Biomune Company   | Usa            | Veterinary vaccine composition against infections caused by salmonella                   |
|   | Zhou Han E  | Usa            |  |
|   | Ruehling Roger  | Usa            |  |
|   | Dorsey Kristi Mae   | Usa            |  |
| <a href="#">WO 2012119203 A1</a><br><a href="#">20120913</a>  | Ondek Pty Ltd   | Australia      | Gene expression and eradication system in helicobacter pylori                            |
|   | Benghezal Mohammed  | Australia      |  |
|   | Debowski Aleksandra Weronika  | Australia      |  |
|   | Sehna Miriam  | Australia      |  |
|   | Dieye Yakhya  | Australia      |  |
|   | Park Se-Hoon  | Korea (South)  |  |
|   | Marshall Barry  | Australia      |  |
| <a href="#">WO 2012108830 A1</a><br><a href="#">20120816</a>  | Lavivo Ab   | Sweden         | Synbiotic compositions for restoration and reconstitution of gut microbiota              |
|   | Wadstroem Torkel  | Sweden         |  |
|   | Ljungh Aasa   | Sweden         |  |
|   | Ambalam Padma   | India          |  |
|   | Kondepudi Kanthi Kiran  | India          |  |

| Nº de publicación            | Solicitante                         | País de origen | Contenido Técnico  |
|------------------------------|-------------------------------------|----------------|--|
| WO 2012076016 A1<br>20120614 | Univ Danmarks Tekniske              | Denmark        | Process for the manufacture of ajoene derivatives  |
|                              | Bjarnsholt Thomas                   | Denmark        |  |
|                              | Hoeiby Niels                        | Denmark        |  |
|                              | Jensen Peter Oestrup                | Denmark        |  |
|                              | Phipps Richard                      | Denmark        |  |
|                              | Shanmugham Meenakshi Sundaram       | Denmark        |  |
|                              | Gennip Maria Van                    | Denmark        |  |
|                              | Christensen Louise Dahl             | Denmark        |  |
|                              | Jakobsen Tim Holm                   | Denmark        |  |
|                              | Tanner David                        | Denmark        |  |
|                              | Larsen Thomas Ostenfeld             | Denmark        |  |
|                              | Givskov Michael                     | Denmark        |  |
| CN 102423357 A<br>20120425   | Qingdao Lvman Bioengineering Co LTD | China          | Compound propolis composition spray for treating livestock foot-and-mouth disease and its preparation method |
| US 2012142709 A1<br>20120607 | Selness Shaun R                     | Usa            | Substituted pyridinone-pyridinyl compounds   |
|                              | Monahan Joseph B                    | Usa            |  |
|                              | Schindler John F                    | Usa            |  |
|                              | Devadas Balekudru                   | Usa            |  |
| US 2012196819 A1<br>20120802 | Newmarket Pharmaceuticals LLC       | Usa            | Animal treatments  |
| WO 2012089231 A1<br>20120705 | Okairos Ag                          | Switzerland    | Paramyxovirus vaccines   |
|                              | Vitelli Alessandra                  | Italy          |  |
|                              | Nicosia Alfredo                     | Italy          |  |
|                              | Cortese Riccardo                    | Italy          |  |
| WO 2012105312 A1<br>20120809 | Calpis Co Ltd                       | Japan          | Arthritis prevention/amelioration substance  |
|                              | Itoh Kikuji                         | Japan          |  |
|                              | Fujiwara Shigeru                    | Japan          |  |
| KR 20120085451 A<br>20120801 | Snu R&Db Foundation                 | Korea (South)  | Novel bacteriocin from bacillus cereus atcc 13061 and antibiotic composition thereof                         |
| WO 2012080461 A1<br>20120621 | Sanofi Sa                           | France         | Mirnas in joint disease  |
|                              | Heermeier Kathrin                   | Germany        |  |
|                              | Schneider Johannes Christof         | Germany        |  |
|                              | Leeuw Thomas                        | Germany        |  |
|                              | Metz-Weidmann Christiane            | Germany        |  |
|                              | Saas Joachim                        | Germany        |  |
|                              | Beninga Jochen                      | Germany        |  |
|                              | Dietz Uwe                           | Germany        |  |
|                              | Weiss Tilo                          | Germany        |  |
|                              | Bartnik Eckart                      | Germany        |  |

| Nº de publicación            | Solicitante               | País de origen | Contenido Técnico   |
|------------------------------|---------------------------|----------------|---|
| KR 20120095167 A<br>20120828 | Kbnp Inc                  | Korea (South)  | Vaccine composition for immunocastration comprising stf2-gnrh fusion recombinant protein and method for animal immunocastration using the same  |
|                              | Univ Konkuk Ind Coop Corp | Korea (South)  |   |
| US 2012156248 A1<br>20120621 | Omnigen Res L L C         | Usa            | Augmentation of titer for vaccination in animals  |
| CN 102389565 A<br>20120328   | Zhao L                    | China          | Medicine used for treating or preventing animal diseases, e.g. high fever, hyperpyrexia, cold, mycoplasma pneumonia, swine plague, and contagious bovine pleuropneumonia, comprises thymopentin                               |
| WO 2012071559 A2<br>20120531 | Presage Biosciences Inc   | Usa            | Therapeutic methods and compositions for solid delivery   |
|                              | Klinghoffer Richard       | Usa            |   |
|                              | Frazier Jason             | Usa            |   |
|                              | Grenley Marc              | Usa            |   |
| WO 2012103260 A2<br>20120802 | Cdi Lab                   | Usa            | High-throughput methods to produce, validate and characterize mmabs   |
|                              | Pino Ignacio              | Usa            |   |
| KR20110079430 A<br>20110707  | So S K                    | Korea (South)  | Immune-boosting composition comprising immuned beestings and immuned york   |
| CN 102450282 A<br>20120516   | Zhou D                    | China          | Ecofriendly and long-acting series drug, useful e.g. for preventing and controlling zoonotic infectious vector e.g. fleas, comprises e.g. an insect growth regulator and a plant essential oil containing multiple components |
| US 2012225037 A1<br>20120906 | Mygalaxy LTD Company      | Usa            | Sporulation-deficient B. taylori cells and methods for efficient and cost-effective inactivation and use thereof  |



| Nº de publicación          | Solicitante                              | País de origen | Contenido Técnico  |
|----------------------------|--|----------------|--|
| CN 102335250 A<br>20120201 | Su Y                                     | China          | Health-care product for treating initial infection of foot and mouth disease of sow, is prepared by pseudo-Ginseng, borneol, semen lepidii, Astragali radix, tuckahoe, Coptidis rhizoma and seed of cowherb                              |
| CN 102382872 A<br>20120321 | Harbin Pharm Group Biological Vaccine Co | China          | Use of ampicillin for inducing bacteria to form shiga-toxin type-II variant and preparing inactivated Gram-negative bacterial vaccine for treating disease caused by Gram-negative bacteria, preferably hydropsy in piglets              |
| CN 102389030 A<br>20120328 | Li Y                                     | China          | Use of sublancin 168 as a livestock medicine, and for inhibiting Staphylococcus aureus, treating dairy cow mastitis, Gan Paul disease and livestock diarrhea, improving immune system and promoting livestock growth                     |
| CN 102389565 A<br>20120328 | Zhao L                                   | China          | Medicine used for treating or preventing animal diseases, e.g. high fever, hyperpyrexia, cold, mycoplasma pneumonia, swine plague, and contagious bovine pleuropneumonia, comprises thymopentin  |
| CN 102429918 A<br>20120502 | Nanjing Weitai Fama Veterinary Medicine  | China          | Composition useful for preparing drug for preventing Escherichia coli infection in poultry, and pig, and Pasteurella and Actinobacillus pleuropneumoniae infection, comprises florfenicol, tea saponin, cosolvent and anhydrous dextrose |
| CN 102373172 A<br>20120314 | Beijing Longke Fangzhou Biological Eng T | China          | New Enterococcus faecium Kang 80 useful for preparing animal feed for pig or chicken and antibacterial product for inhibiting Salmonella typhi and/or Escherichia coli   |

| Nº de publicación  | Solicitante                          | País de origen | Contenido Técnico  |
|--|--------------------------------------|----------------|--|
| <a href="#">CN 102462686 A</a><br><a href="#">20120523</a> | Tianjin Rip Biotechnology Co LTD     | China          | Medical composition for curing livestock colibacillosis comprises ceftiofur hydrochloride, tazobactam sodium, probenecid sodium, dexamethasone sodium phosphate, beta-cyclodextrin and pharmaceutically acceptable auxiliary materials |
| <a href="#">CN 102433283 A</a><br><a href="#">20120502</a> | Hunan Inst Microbiology              | China          | Process for producing Bacillus subtilis feed with high density and reducing diarrhea in pig, comprises e.g. subjecting strain after slant activation to seed shake culture, and shaking the fermentation culture in bottle             |
| <a href="#">CN 102462838 A</a><br><a href="#">20120523</a> | Shen H                               | China          | Biological system useful for producing biological vaccine used in preparation of medicine for treating/preventing diseases e.g. common cold and pneumonia, comprises Bacillus anthracis cells having deleted/defected gene and vector  |
| <a href="#">CN 102485749 A</a><br><a href="#">20120606</a> | China Animal Husbandry Ind Co Ltd    | China          | Use of polypeptide of specific amino acid sequence, for swine fever synthetic peptide vaccine  |
| <a href="#">CN 102526096 A</a><br><a href="#">20120704</a> | Cao Q                                | China          | Use of lime for treating porcine reproductive and respiratory syndrome, by calcining limestone, preparing lime solution, and feeding solution to sick pigs   |
| <a href="#">CN 102526224 A</a><br><a href="#">20120704</a> | Tianjin Zhongao Biotechnology Co LTD | China          | Traditional Chinese medicinal composition used for livestock for discharging fire and relaxing bowel, comprises folium isatidis, radix isatidis, gypsum, Rheum officinale, natrii sulfas exsiccatus, fructus cannabis and honeysuckle  |



| Nº de publicación  | Solicitante                         | País de origen | Contenido Técnico  |
|--|-------------------------------------|----------------|--|
| <a href="#">CN 102488752 A</a><br><a href="#">20120613</a> | Chongqing Acad Animal Husbandry     | China          | Chinese herbal medicinal composition useful for preparing drug for treating gastrointestinal disease caused by intestinal pathogenic bacteria, comprises Polygonum hydropiper, Polygonum perfoliatum, Dichondra repens and Gypsophila paniculata |
| <a href="#">CN 102488848 A</a><br><a href="#">20120613</a> | Univ Qingdao Agric                  | China          | Traditional Chinese medicine composition for treating porcine reproductive and respiratory syndrome comprises rhizoma anemarrhenae, gypsum, radix trichosanthis, Lophatherum gracile, rhizoma phragmitis, honeysuckle, and radix scutellariae    |
| <a href="#">CN 102488895 A</a><br><a href="#">20120613</a> | Univ Chongqing                      | China          | Porcine circovirus, porcine parvovirus, porcine reproductive and respiratory syndrome virus triple virus-like particles vaccine, useful for preventing and controlling e.g. Porcine Circovirus-2 infection, comprises e.g. capsid protein        |
| <a href="#">CN 102526710 A</a><br><a href="#">20120704</a> | Univ Shandong Agric                 | China          | Protein composition useful for treating porcine viral disease e.g. classical swine fever, comprises mixture of porcine leukocyte interferon and interferon-induced protein that is bone marrow stromal cell antigen 2                            |
| <a href="#">CN 102526751 A</a><br><a href="#">20120704</a> | Univ Qingdao Agric                  | China          | Heat-resistant cryoprotectant useful for preserving swine fever live vaccine of spleen origin, comprises gelatin, polyvinylpyrrolidone, fructosan, trehalose, glycocoll, sorbierite and sodium glutamate   |
| <a href="#">CN 102580071 A</a><br><a href="#">20120718</a> | Qingdao Yebio Bioengineering Co LTD | China          | Making specific toxin subunit used in tetravalent swine streptococosis inactivated vaccine involves forming Escherichia coli plant inoculating mucoraceae strain; identifying toxin gene; liquid culturing; and inactivating glutaric dialdehyde |

| Nº de publicación            | Solicitante  | País de origen | Contenido Técnico  |
|------------------------------|--|----------------|--|
| CN 102580118 A<br>20120718   | Univ Chongqing   | China          | Producing oral vaccine used for preventing pig edema disease, by amplifying Shiga toxin 1B gene, introducing amplified product into vector, transforming vector into Agrobacterium to obtain transgenic plant, drying and crushing plant |
| KR 20110080916 A<br>20110713 | Samyang Anipharm Co Ltd                                | Korea (South)  | Use of veterinary composition containing sulpyrine   |
|                              | Rep Kr Nat Veterinary Research                         | Korea (South)  |  |
| KR 20120026436 A<br>20120319 | Green Corss Veterinary Porducts Co LTD                 | Korea (South)  | Novel porcine reproductive respiratory syndrome virus and uses thereof   |
| US 2012164171 A1<br>20120628 | De Los Santos Teresa B                                 | Usa            | Antiviral activity of bovine type III interferon against foot-and-mouth disease virus  |
|                              | Zhu James J  | Usa            |  |
|                              | Diaz-San Segundo Fayna                                 | Usa            |  |
|                              | Grubman Marvin J                                       | Usa            |  |
| KR 20120038698 A<br>20120424 | Republic Korea Man Rural Dev                           | Korea (South)  | Weissella viridescens for the growth inhibiting of antibiotic resistant staphylococcus aureus (MRSA)   |
| KR 20120039113 A<br>20120425 | Snu R&Amp Db Foundation                                | Korea (South)  | Vaccine composition for swine polyserositis and manufacturing method thereof   |
|                              | Dongbang Co Ltd  | Korea (South)  |  |
| KR 20120039115 A<br>20120425 | Snu R&Amp Db Foundation                                | Korea (South)  | Vaccine composition for swine polyserositis and manufacturing method thereof   |
|                              | Dongbang Co Ltd  | Korea (South)  |  |
| WO 2012088431<br>A1 20120628 | Ironwood Pharmaceuticals Inc                           | Usa            | Faah inhibitors  |
|                              | Hudson Colleen   | Usa            |  |
|                              | Barden Timothy C                                       | Usa            |  |
|                              | Jia James  | Usa            |  |
|                              | Mermerian Ara  | Usa            |  |
|                              | Peng Bo  | Usa            |  |
|                              | Yang Jane  | Usa            |  |
|                              | Yu Xiang Y   | Usa            |  |
| Sprott Kevin                 | Usa  |                |  |
| RU 2010121411 A<br>20111210  | Obshchestvo S Ogranichennoj Otvetstvennost'ju "Nanolek | Russia         | Recombinant swine influenza virus h1n1 vaccine and method for preparing it   |

| Nº de publicación                         | Solicitante                    | País de origen | Contenido Técnico  |
|---|--------------------------------|----------------|--|
| <a href="#">US 2012213741 A1 20120823</a> | Boehringer Ingelheim Vetmed    | Germany        | Commercial scale process for production of prrsv   |
| <a href="#">US 2012213810 A1 20120823</a> | Boehringer Ingelheim Vetmed    | Germany        | Novel european prrsv strain  |
| <a href="#">US 2012189655 A1 20120726</a> | Wu Hua                         | China          | Attenuated live vaccine for prevention of porcine reproductive and respiratory syndrome  |
|   | Leng Xue                       | China          |  |
|   | Li Zhenguang                   | China          |  |
|   | Wang Fengxue                   | China          |  |
| <a href="#">WO 2012092226 A1 20120705</a> | Biomune Company                | Usa            | Veterinary vaccine composition against infections caused by salmonella   |
|   | Zhou Han E                     | Usa            |  |
|   | Ruehling Roger                 | Usa            |  |
|   | Dorsey Kristi Mae              | Usa            |  |
| <a href="#">WO 2012119203 A1 20120913</a> | Ondek Pty Ltd                  | Australia      | Gene expression and eradication system in helicobacter pylori  |
|   | Benghezal Mohammed             | Australia      |  |
|   | Debowski Aleksandra Weronika   | Australia      |  |
|   | Sehnal Miriam                  | Australia      |  |
|   | Dieye Yakhya                   | Australia      |  |
|   | Park Se-Hoon                   | Korea (South)  |  |
|   | Marshall Barry                 | Australia      |  |
| <a href="#">JP 2012126701 A 20120705</a>  | Biseibutsu Kagaku Kenkyusho Kk | Japan          | Salmonella vaccine   |
| <a href="#">WO 2012108830 A1 20120816</a> | Lavivo Ab                      | Sweden         | Synbiotic compositions for restoration and reconstitution of gut microbiota  |
|   | Wadstroem Torkel               | Sweden         |  |
|   | Ljungh Aasa                    | Sweden         |  |
|   | Ambalam Padma                  | India          |  |
|   | Kondepudi Kanthi Kiran         | India          |  |
| <a href="#">KR 20120077795 A 20120710</a> | Iac in Nat Univ Chungnam       | Korea (South)  | Eriobotrya japonica extract or its fraction having antiviral, antioxidative and antimicrobial effects  |
| <a href="#">KR 20120077808 A 20120710</a> | Iac in Nat Univ Chungnam       | Korea (South)  | Goatsbeard extract or its fraction having antiviral, antioxidative and antimicrobial effects   |
| <a href="#">KR 20120077858 A 20120710</a> | Rep Kr Nat Veterinary Research | Korea (South)  | Immortalized porcine alveolar macrophage cell line and the method for detecting and proliferating alveolar macrophage infecting virus using the same |

| Nº de publicación            | Solicitante                                       | País de origen | Contenido Técnico   |
|------------------------------|---|----------------|---|
| US 2012225091 A1<br>20120906 | Newport Lab Inc                                   | Usa            | Modified live (jms0 strain) haemophilus parasuis vaccine  |
| WO 2012076016<br>A1 20120614 | Univ Danmarks Tekniske                            | Denmark        | Process for the manufacture of ajoene derivatives   |
|                              | Bjarnsholt Thomas                                 | Denmark        |   |
|                              | Hoeiby Niels                                      | Denmark        |   |
|                              | Jensen Peter Oestrup                              | Denmark        |   |
|                              | Phipps Richard                                    | Denmark        |   |
|                              | Shanmugham Meenakshi Sundaram                     | Denmark        |   |
|                              | Gennip Maria Van                                  | Denmark        |   |
|                              | Christensen Louise Dahl                           | Denmark        |   |
|                              | Jakobsen Tim Holm                                 | Denmark        |   |
|                              | Tanner David                                      | Denmark        |   |
|                              | Larsen Thomas Ostenfeld                           | Denmark        |   |
|                              | Givskov Michael                                   | Denmark        |   |
| CN 102423357 A<br>20120425   | Qingdao Lvman Bioengineering Co LTD               | China          | Compound propolis composition spray for treating livestock foot-and-mouth disease and its preparation method        |
| CN 102399728 A<br>20120404   | Beijing Zhongke Jingming Biolog Technology Co LTD | China          | Lactobacillus and fermentation method thereof   |
| CN 102416163 A<br>20120418   | Huizhou Hongyu Technology Co                      | China          | Composition containing phytohemagglutinin or phytohemagglutinin subtypes  |
| US 2012225037 A1<br>20120906 | Mygalaxy LTD Company                              | Usa            | Sporulation-deficient b. texasporus cells and methods for efficient and cost-effective inactivation and use thereof |
| KR 20120052841 A<br>20120524 | Univ Dankook Iacf                                 | Korea (South)  | A vaccine composition against porcine e. coli diarrhea  |
| WO 2012105562<br>A1 20120809 | Meiji Seika Pharma Co Ltd                         | Japan          | Novel macrolide derivative  |
|                              | Kurihara Kenichi                                  | Japan          |   |
|                              | Mitomi Masaaki                                    | Japan          |   |

| Nº de publicación            | Solicitante                        | País de origen   | Contenido Técnico   |
|------------------------------|------------------------------------|------------------|---|
| WO 2012105563<br>A1 20120809 | Meiji Seika Pharma Co Ltd          | Japan            | Veterinary drug comprising macrolide derivative   |
|                              | Kurihara Kenichi                   | Japan            |   |
|                              | Sakai Masayo                       | Japan            |   |
|                              | Kitsuta Shigeki                    | Japan            |   |
|                              | Hayashimoto Mizuki                 | Japan            |   |
|                              | Mitomi Masaaki                     | Japan            |   |
| KR 20120060334 A<br>20120612 | Univ Chonbuk Nat Ind<br>Coop Found | Korea<br>(South) | Recombinant gene containing heat-labile enterotoxin B subunit and ApxIIA fragment, transgenic plant expressing LTB-ApxIIA fusion gene, and uses thereof |
| KR 20120066555 A<br>20120622 | Univ Dankook Iacf                  | Korea<br>(South) | Transformants expressing epitope of porcine epidemic diarrhea virus and vaccine compositions containing the same  |
| KR 20120066556 A<br>20120622 | Univ Dankook Iacf                  | Korea<br>(South) | Transformants expressing epitope of porcine epidemic diarrhea virus and mucosal adjuvant and vaccine compositions containing the same                   |
| KR 20120066559 A<br>20120622 | Univ Dankook Iacf                  | Korea<br>(South) | Transformants expressing epitope of porcine epidemic diarrhea virus and rotavirus and vaccine composition containing the same                           |
| WO 2012107614<br>A1 20120816 | Consejo Superior Investigacion     | Spain            | Vaccine against african swine fever virus, based on replication deficient recombinant viruses   |
|                              | Animal Health Inst                 | United Kingdom   |   |
|                              | Salas Falgueras Maria Luisa        | Spain            |   |
|                              | Rodriguez Martinez Javier Maria    | Spain            |   |
|                              | Dixon Linda Kathleen               | United Kingdom   |   |
| WO 2012108840<br>A1 20120816 | Temasek Life Sciences Lab Ltd      | Singapur         | A novel expression cassette for efficient surface display of antigenic proteins   |
|                              | Balraj Premanand                   | Singapur         |   |
|                              | Kwang Hwei-Sing Jimmy              | Singapur         |   |
|                              | Karuppannan Anbu Kumar             | Singapur         |   |

| Nº de publicación                         | Solicitante  | País de origen | Contenido Técnico   |
|---|--|----------------|---|
| <a href="#">WO 2012090194 A2 20120705</a> | Abraham Galya  | Israel         | Compositions and methods for treating a skin disorder   |
| <a href="#">WO 2012090002 A1 20120705</a> | Immune Targeting Systems Its Ltd                                       | United Kingdom | Fluorocarbon-linked peptide formulation   |
|   | Brown Carlton Bradley  | United Kingdom |   |
|   | Georges Bertrand Victor Gilbert  | United Kingdom |   |
|   | Thaburet Jean Francois   | United Kingdom |   |
| <a href="#">KR 20120095167 A 20120828</a> | Kbnp Inc   | Korea (South)  | Vaccine composition for immunocastration comprising stf2-gnrh fusion recombinant protein and method for animal immunocastration using the same  |
|   | Univ Konkuk Ind Coop Corp  | Korea (South)  |   |
| <a href="#">US 2012164170 A1 20120628</a> | Kuo Tsun-Yung  | Taiwan         | Porcine circovirus type 2 (pcv2), immunogenic composition containing the same, test kit, and application thereof  |
|   | Chen Hsu Chung Gabriel   | Taiwan         |   |
|   | Wu Chung-Chin  | Taiwan         |   |
|   | Chen Han-Ting  | Taiwan         |   |
| <a href="#">RU 2452511 C1 20120610</a>    | G Nauchnoe Uchrezhdenie Vrnii Veterinarnoj Virusologii I Mikrobiologii | Russia         | Attenuated strain of serotype 2 african swine fever virus for developing diagnostic and vaccine preparations  |
| <a href="#">WO 2012071559 A2 20120531</a> | Presage Biosciences Inc  | Usa            | Therapeutic methods and compositions for solid delivery   |
|   | Klinghoffer Richard  | Usa            |   |
|   | Frazier Jason  | Usa            |   |
|   | Grenley Marc   | Usa            |   |
| <a href="#">CN 102531868 A 20120704</a>   | Univ China Ocean   | China          | Anthraquinone derivative is used for antiviral medicines  |
| <a href="#">KR20110079430 A 20110707</a>  | So S K   | Korea (South)  | Immune-boosting composition comprising immunized bees and immunized york  |
| <a href="#">CN 102450282 A 20120516</a>   | Zhou D   | China          | Ecofriendly and long-acting series drug, useful e.g. for preventing and controlling zoonotic infectious vector e.g. fleas, comprises e.g. an insect growth regulator and a plant essential oil containing multiple components |

| Nº de publicación  | Solicitante                           | País de origen | Contenido Técnico   |
|--|---------------------------------------|----------------|---|
| <a href="#">CN 102526175 A</a><br><a href="#">20120704</a>   | Tianjin Zhongao Biotechnology Co LTD  | China          | Traditional Chinese medicinal composition useful for e.g. preventing livestock metritis, mastitis,agalactia, comprises e.g. semen vaccariae, Astragalus mongholicus, Angelica sinensis, Codonopsis pilosula, Ligusticum wallichii and dandelion |
| <a href="#">CN 102488695 A</a><br><a href="#">20120613</a>   | Guangzhou Heshengtang Animal Pharm CO | China          | Instant florfenicol, useful for e.g. treating chicken diarrhea, comprises florfenicol and carbamide and optionally sulfamonomethoxine sodium  |
| <a href="#">WO 2012101167</a><br><a href="#">A1 20120802</a> | Austrianova Singapore Pte Ltd         | Singapur       | Protection of microbial cells from acidic degradation   |
|  | Guenzburg Walter H                    | Singapur       |   |
|  | Brandtner Eva Maria                   | Singapur       |   |
|  | Salmons Brian Salmons                 | Singapur       |   |
|  | Dangerfield John A                    | Singapur       |   |
| <a href="#">WO 2012105312</a><br><a href="#">A1 20120809</a> | Calpis Co Ltd                         | Japan          | Arthritis prevention/amelioration substance   |
|  | Itoh Kikuji                           | Japan          |   |
|  | Fujiwara Shigeru                      | Japan          |   |
| <a href="#">CN 102512446 A</a><br><a href="#">20120627</a>   | Qingdao Lvman Bioengineering Co LTD   | China          | Sodium sulfate compound composition spray useful for treating livestock diseases and mammitis, comprises anhydrous sodium sulfate, anhydrous copper sulfate, anhydrous zinc sulfate, dimethyl sulfoxide and distilled water                     |
| <a href="#">KR 20110111712 A</a><br><a href="#">20111012</a> | Univ Ulsan Found For Ind Coop         | Korea (South)  | Method targeting megalin for diagnosis, prevention or treatment of body weight disorders  |
| <a href="#">WO 2012090006</a><br><a href="#">A2 20120705</a> | Imp Innovations Ltd                   | United Kingdom | Methods for improving fracture healing and bone formation   |
|  | Nanchahal Jagdeep                     | United Kingdom |   |
|  | Horwood Nicole                        | United Kingdom |   |

| Nº de publicación            | Solicitante   | País de origen | Contenido Técnico  |
|------------------------------|---|----------------|--|
| US 2012142709 A1<br>20120607 | Selness Shaun R                                     | Usa            | Substituted pyridinone-pyridinyl compounds   |
|                              | Monahan Joseph B                                    | Usa            |  |
|                              | Schindler John F                                    | Usa            |  |
|                              | Devadas Balekudru                                   | Usa            |  |
| US 2012196819 A1<br>20120802 | Newmarket Pharmaceuticals LLC                       | Usa            | Animal treatments  |
| KR 20120085451 A<br>20120801 | Snu R&Db Foundation                                 | Korea (South)  | Novel bacteriocin from bacillus cereus atcc 13061 and antibiotic composition thereof |
| CN 102406613 A<br>20120411   | Shanghai Hengfengqiang Animal Pharmaceutical Co Ltd | China          | Super tylosin soluble powder and preparation method thereof                          |





| Nº de publicación  | Solicitante                              | País de origen | Contenido Técnico  |
|--|--|----------------|--|
| <a href="#">CN 102319253 A</a><br><a href="#">20120118</a> | Tianjin Shengji Group Co Ltd             | China          | Oral liquid for treating enteritis caused by avian escherichia coli and preparation method thereof   |
| <a href="#">CN 102327328 A</a><br><a href="#">20120125</a> | Guangdong Zijin Zhengtian Pharm Co Ltd   | China          | Bistort rhizome-containing composition and application thereof   |
| <a href="#">CN 102429918 A</a><br><a href="#">20120502</a> | Nanjing Weitai Fama Veterinary Medicine  | China          | Composition useful for preparing drug for preventing Escherichia coli infection in poultry, and pig, and Pasteurella and Actinobacillus pleuropneumoniae infection, comprises florfenicol, tea saponin, cosolvent and anhydrous dextrose |
| <a href="#">CN 102373172 A</a><br><a href="#">20120314</a> | Beijing Longke Fangzhou Biological Eng T | China          | New Enterococcus faecium Kang 80 useful for preparing animal feed for pig or chicken and antibacterial product for inhibiting Salmonella typhi and/or Escherichia coli   |
| <a href="#">CN 102462686 A</a><br><a href="#">20120523</a> | Tianjin Rip Biotechnology Co LTD         | China          | Medical composition for curing livestock colibacillosis comprises ceftiofur hydrochloride, tazobactam sodium, probenecid sodium, dexamethasone sodium phosphate, beta-cyclodextrin and pharmaceutically acceptable auxiliary materials   |
| <a href="#">CN 102462838 A</a><br><a href="#">20120523</a> | Shen H                                   | China          | Biological system useful for producing biological vaccine used in preparation of medicine for treating/preventing diseases e.g. common cold and pneumonia, comprises Bacillus anthracis cells having deleted/defected gene and vector    |

| Nº de publicación  | Solicitante                        | País de origen | Contenido Técnico  |
|--|------------------------------------|----------------|--|
| <a href="#">CN 102552417 A</a><br><a href="#">20120711</a> | Henan Biological Technology Co Ltd | China          | Traditional Chinese medicine for poultry respiratory disease, comprises borneol, toad skin, Ephedra, licorice, honeysuckle, fructus forsythiae, herba leonuri, herba andrographitis, Platycodon grandiflorum, and Scutellaria baicalensis        |
| <a href="#">CN 102512514 A</a><br><a href="#">20120627</a> | Henan Kangxing Pharm Co Ltd        | China          | Preparing superfine chicken coccidiosis powder at normal temperature, comprises selecting Artemisia annua, Agrimonia, Polygonum multiflorum, Pulsatilla and cinnamon piece, drying materials, and crushing raw materials to obtain rough powder  |
| <a href="#">CN 102512532 A</a><br><a href="#">20120627</a> | Sun X                              | China          | Medicinal composition, useful for preventing and treating e.g. bird flu and Newcastle disease of quail, comprises e.g. goldthread root, Isatis root, anise, Schizonepeta, Sophora flavescens root, Houttuynia cordata and licorice root          |
| <a href="#">CN 102488752 A</a><br><a href="#">20120613</a> | Chongqing Acad Animal Husbandry    | China          | Chinese herbal medicinal composition useful for preparing drug for treating gastrointestinal disease caused by intestinal pathogenic bacteria, comprises Polygonum hydropiper, Polygonum perfoliatum, Dichondra repens and Gypsophila paniculata |
| <a href="#">CN 102526709 A</a><br><a href="#">20120704</a> | Univ Shandong Agric                | China          | Protein compound to treat chicken virus disease comprising chicken leucocyte interferon/chicken interferon induced specific protein, is formed by mixing solutions of chicken leucocyte interferon/chicken interferon induced specific protein   |

| Nº de publicación            | Solicitante                            | País de origen | Contenido Técnico   |
|------------------------------|--|----------------|---|
| CN 102526727 A<br>20120704   | Hebei Kexing Pharm Co Ltd              | China          | Making anti-avian influenza egg yolk antibody injection used to treat avian influenza of broiler chicken involves producing antibody by induction, subjecting egg-laying hen to inoculation, collecting egg yolk, extracting/purifying antibody |
| CN 102533674 A<br>20120704   | Harbin Veterinary Res Inst<br>Caas     | China          | New recombination duck enteritis virus vaccine strain expressing avian influenza virus hemagglutinin gene used for preparing vaccine for preventing duck enteritis virus and communicable disease caused by avian influenza in e.g. ducks       |
| CN 102579731 A<br>20120718   | Guizhou Inst<br>Zootechnics&Veterinary | China          | Herbal composition used for treating chronic respiratory disease in chicken, includes rhizoma fagopyri cymosi, Angelica dahurica, Xanthium sibiricum, Oldenlandia diffusa, Chinese Ephedra, cassia twig, almond, Pinellia tuber, and licorice   |
| CN 102579911 A<br>20120718   | Guizhou Inst<br>Zootechnics&Veterinary | China          | Chinese herbal medicine preparation, useful to treat chicken colibacillosis disease, comprises e.g. Rhizoma coptidis, Phellodendron bark, Rhynohophylla, rhizoma atractylodis, Magnolia officinalis, fructus aurantii and cortex fraxini        |
| KR 20120009308 A<br>20120201 | Bansuk Livestock Technical Ct          | Korea (South)  | Preventive and treatment of salmonelra of the poultry which used convergence and hyper-compound activity mineral aqueous solution and extract wild grass, and material creatiom for a treatmentnicely   |

| Nº de publicación            | Solicitante   | País de origen | Contenido Técnico   |
|------------------------------|---|----------------|---|
| WO 2012101167 A1<br>20120802 | Austrianova Singapore Pte Ltd                       | Singapur       | Protection of microbial cells from acidic degradation   |
|                              | Guenzburg Walter H                                  | Singapur       |   |
|                              | Brandtner Eva Maria                                 | Singapur       |   |
|                              | Salmons Brian Salmons                               | Singapur       |   |
|                              | Dangerfield John A                                  | Singapur       |   |
| WO 2012104647 A1<br>20120809 | Anhydro Biolog Ltd                                  | United Kingdom | Vaccine compositions  |
|                              | Worrall Eric Edward                                 | United Kingdom |   |
| US 2012156307 A1<br>20120621 | Apr Nanotechnologies S A                            | Switzerland    | Medical uses of nanoclustered water   |
| WO 2012092226 A1<br>20120705 | Biomune Company                                     | Usa            | Veterinary vaccine composition against infections caused by salmonella  |
|                              | Zhou Han E  | Usa            |   |
|                              | Ruehling Roger                                      | Usa            |   |
|                              | Dorsey Kristi Mae                                   | Usa            |   |
| WO 2012114201 A1<br>20120830 | Aroma Technologies                                  | France         | Nanocapsulation of essential oils for preventing or curing infectious diseases alone or with an antibiotic        |
|                              | Inst Nat Sante Rech Med                             | France         |   |
|                              | Univ Angers   | France         |   |
|                              | Rossines Elisabeth                                  | France         |   |
|                              | Joly-Guillou Marie Laure                            | France         |   |
|                              | Saulnier Patrick                                    | France         |   |
|                              | Benoit Jean Pierre                                  | France         |   |
| WO 2012117045 A1<br>20120907 | Intervet Int Bv                                     | Netherlands    | Infectious bronchitis virus (ibv) spike protein as subunit vaccine  |
|                              | Verheije Helene                                     | Netherlands    |   |
|                              | Schrier Carla Christina                             | Netherlands    |   |
| JP 2012125225 A<br>20120705  | Biseibutsu Kagaku Kenkyusho Kk                      | Japan          | Feed for controlling Campylobacter infection of chicken   |
| US 2012225050 A1<br>20120906 | Novus Int Inc                                       | Usa            | Methods for improving gut health  |
| CN 102406613 A<br>20120411   | Shanghai Hengfengqiang Animal Pharmaceutical Co Ltd | China          | Super tylosin soluble powder and preparation method thereof   |
| CN 102406925 A<br>20120411   | Shandong Binzhou Bolaiwei Biotech Co Ltd            | China          | Preparation method of chicken infectious rhinitis and mycoplasma gallisepticum bivalent lipid inactivated vaccine |
| CN 102397293 A<br>20120404   | Jixiang Cao   | China          | Spleen immune factor and its preparation method   |

| Nº de publicación  | Solicitante   | País de origen | Contenido Técnico   |
|--|---|----------------|---|
| <a href="#">CN 102397560 A</a><br><a href="#">20120404</a>   | Univ Henan Science & Tech                           | China          | Preparation method for avian pasteurilla genome vaccine   |
| <a href="#">CN 102416163 A</a><br><a href="#">20120418</a>   | Huizhou Hongyu Technology Co Ltd                    | China          | Composition containing phytohemagglutinin or phytohemagglutinin subtypes  |
| <a href="#">CN 102416177 A</a><br><a href="#">20120418</a>   | Tainjn Ruipu High Tech Biolog Pharmaceutical Co Ltd | China          | Newcastle disease-h9 subtype avian influenza bivalent dual adjuvant inactivated vaccine and preparation method thereof                      |
| <a href="#">US 2012225037 A1</a><br><a href="#">20120906</a> | Mygalaxy LTD Company                                | Usa            | Sporulation-deficient b. texasporus cells and methods for efficient and cost-effective inactivation and use thereof                         |
| <a href="#">EP 2471926 A2</a><br><a href="#">20120704</a>    | Intervet Int Bv                                     | Netherlands    | Immunostimulatory oligodeoxynucleotides   |
| <a href="#">KR 20120059878 A</a><br><a href="#">20120611</a> | Republic Korea Management Min Agric&Fi              | Korea (South)  | Novel salmonella enteritidis strain and the vaccine composition comprising the same   |
| <a href="#">WO 2012089231 A1</a><br><a href="#">20120705</a> | Okairos Ag  | Switzerland    | Paramyxovirus vaccines  |
|  | Vitelli Alessandra                                  | Italy          |   |
|  | Nicosia Alfredo                                     | Italy          |   |
|  | Cortese Riccardo                                    | Italy          |   |
| <a href="#">US 2012156174 A1</a><br><a href="#">20120621</a> | Cj Cheiljedang Corp                                 | Korea (South)  | Novel bacteriophage and antibacterial composition comprising the same   |
| <a href="#">WO2012089800 A1</a><br><a href="#">20120705</a>  | Intervet Int Bv                                     | Netherlands    | Immunostimulatory oligodeoxynucleotides   |
| <a href="#">CN 102488695 A</a><br><a href="#">20120613</a>   | Guangzhou Heshengtang Animal Pharm CO               | China          | Instant florfenicol, useful for e.g. treating chicken diarrhea, comprises florfenicol and carbamide and optionally sulfamonomethoxinesodium |
| <a href="#">WO 2012080461 A1</a><br><a href="#">20120621</a> | Sanofi Sa   | France         | Mirnas in joint disease   |
|  | Heermeier Kathrin                                   | Germany        |   |
|  | Schneider Johannes Christof                         | Germany        |   |
|  | Leeuw Thomas  | Germany        |   |
|  | Metz-Weidmann Christiane                            | Germany        |   |
|  | Saas Joachim  | Germany        |   |
|  | Beninga Jochen                                      | Germany        |   |
|  | Dietz Uwe   | Germany        |   |
|  | Weiss Tilo  | Germany        |   |
|  | Bartnik Eckart                                      | Germany        |   |



| Nº de publicación  | Solicitante  | País de origen | Contenido Técnico  |
|--|--|----------------|--|
| <a href="#">CN 102488695 A</a><br><a href="#">20120613</a>   | Guangzhou Heshengtang Animal Pharm Co              | China          | Instant florfenicol, useful for e.g. treating chicken diarrhea, comprises florfenicol and carbamide and optionally sulfamonomethoxine sodium |
| <a href="#">WO 2012072055</a><br><a href="#">A1 20120607</a> | Ct Ingenieria Genetica Biotech                     | Cuba           | Use of pacap for treating viral infections in aquatic organisms  |
|  | Estrada Garcia Mario Pablo                         | Cuba           |  |
|  | Lugo Gonzalez Juana Maria                          | Cuba           |  |
|  | Carpio Gonzalez Yamila<br>Tafalla Pineiro Carolina | Cuba<br>Spain  |  |
| <a href="#">WO 2012089749</a><br><a href="#">A1 20120705</a> | Intervet Int Bv                                    | Netherlands    | Salmonid alphavirus protein e2   |
|  | Villoing Stephane                                  | Norway         |  |
| <a href="#">WO 2012108840</a><br><a href="#">A1 20120816</a> | Temasek Life Sciences Lab Ltd                      | Singapur       | A novel expression cassette for efficient surface display of antigenic proteins  |
|  | Balraj Premanand                                   | Singapur       |  |
|  | Kwang Hwei-Sing Jimmy                              | Singapur       |  |
|  | Karuppannan Anbu Kumar                             | Singapur       |  |
| <a href="#">WO 2012105805</a><br><a href="#">A2 20120809</a> | Cj Cheiljedang Corp                                | Korea (South)  | Probiotics for biological control against vibrio sp.   |
|  | Yang Si Yong                                       | Korea (South)  |  |
|  | Woo Seo Hyung                                      | Korea (South)  |  |
|  | Kang In Hye  | Korea (South)  |  |
|  | Im Hyun Jung                                       | Korea (South)  |  |

| Nº de publicación            | Solicitante              | País de origen | Contenido Técnico  |
|------------------------------|--------------------------|----------------|--|
| CN 102433314 A<br>20120502   | Univ Jiangsu             | China          | New recombinant <i>Penaeus merguensis</i> lysozyme used as antibacterial agent prepared by constructing recombinant plasmid to eukaryotic expression vector pPIC9K, transforming into <i>Pichia pastoris</i> GS115 and inducing expression by methanol |
| WO 2012090006<br>A2 20120705 | Imp Innovations Ltd      | United Kingdom | Methods for improving fracture healing and bone formation  |
|                              | Nanchahal Jagdeep        | United Kingdom |  |
|                              | Horwood Nicole           | United Kingdom |  |
| WO 2012114201<br>A1 20120830 | Aroma Technologies       | France         | Nanocapsulation of essential oils for preventing or curing infectious diseases alone or with an antibiotic   |
|                              | Inst Nat Sante Rech Med  | France         |  |
|                              | Univ Angers              | France         |  |
|                              | Rossines Elisabeth       | France         |  |
|                              | Joly-Guillou Marie Laure | France         |  |
|                              | Saulnier Patrick         | France         |  |
|                              | Benoit Jean Pierre       | France         |  |



| Nº de publicación            | Solicitante                         | País de origen | Contenido Técnico   |
|------------------------------|-------------------------------------|----------------|---|
| CN 102504023 A<br>20120620   | Univ Liaoning Me-<br>dical          | China          | Preparing egg yolk antibody useful in preparing drug for treating Chinese sacbrood viral disease, comprises preparing oil emulsion inactivated vaccine, immunizing laying hen, collecting eggs, immunizing hen egg, and extracting antibody |
| CN 102512486 A<br>20120627   | Univ Zhejiang                       | China          | Medicine for preventing bee mite infection is prepared by subjecting dalbergia wood medicine material to volatile oil extraction, crushing/cutting, adding water, and distilling the rose to get wood extract essential oil                 |
| US 2012171294 A1<br>20120705 | Us Agriculture                      | Usa            | Starch foam microparticles for delivery of non-aqueous liquid to bees   |
| RU 2452470 C1<br>20120610    | Chubatova Svetlana<br>Aleksandrovna | Russia         | Liposome suspension composition for prevention and treatment of respiratory infections, particularly tuberculosis (versions) and method of aerogene delivery thereof  |
|                              | Zurabov Aleksandr<br>Jur Evich      | Russia         |   |
|                              | Chubatova Ol Ga<br>Igorevna         | Russia         |   |
|                              | Potapov Vasilij Dmi-<br>trievich    | Russia         |   |
| WO 2012092673<br>A1 20120712 | Kane Penny Colleen                  | Canada         | Bee bloom compositions, methods of extraction and uses thereof  |
|                              | Mathison Ronald<br>Duncan           | Canada         |   |





# VTÉquidos

| Nº de publicación            | Solicitante                              | País de origen   | Contenido Técnico   |
|------------------------------|--|------------------|---|
| CN 102488695 A<br>20120613   | Guangzhou Heshengtang<br>Animal Pharm CO | China            | Instant florfenicol, useful for e.g. treating chicken diarrhea, comprises florfenicol and carbamide and optionally sulfamonomethoxinesodium |
| WO 2012119203<br>A1 20120913 | Ondek Pty Ltd                            | Australia        | Gene expression and eradication system in helicobacter pylori   |
|                              | Benghezal Mohammed                       | Australia        |   |
|                              | Debowski Aleksandra<br>Weronika          | Australia        |   |
|                              | Sehnal Miriam                            | Australia        |   |
|                              | Dieye Yakhya                             | Australia        |   |
|                              | Park Se-Hoon                             | Korea<br>(South) |   |
|                              | Marshall Barry                           | Australia        |   |
| WO 2012108830<br>A1 20120816 | Lavivo Ab                                | Sweden           | Synbiotic compositions for restoration and reconstitution of gut microbiota   |
|                              | Wadstroem Torkel                         | Sweden           |   |
|                              | Ljungh Aasa                              | Sweden           |   |
|                              | Ambalam Padma                            | India            |   |
|                              | Kondepudi Kanthi Kiran                   | India            |   |
| WO 2012090006<br>A2 20120705 | Imp Innovations Ltd                      | United Kingdom   | Methods for improving fracture healing and bone formation   |
|                              | Nanchahal Jagdeep                        | United Kingdom   |   |
|                              | Horwood Nicole                           | United Kingdom   |   |
| US 2012142709 A1<br>20120607 | Selness Shaun R                          | Usa              | Substituted pyridinone-pyridinyl compounds  |
|                              | Monahan Joseph B                         | Usa              |   |
|                              | Schindler John F                         | Usa              |   |
|                              | Devadas Balekudru                        | Usa              |   |
| US 2012196819 A1<br>20120802 | Newmarket Pharmaceuticals LLC            | Usa              | Animal treatments   |

| Nº de publicación            | Solicitante                      | País de origen | Contenido Técnico                                       |
|------------------------------|----------------------------------|----------------|---|
| WO 2012080461<br>A1 20120621 | Sanofi Sa                        | France         | Mirnas in joint disease                                 |
|                              | Heermeier Kathrin                | Germany        |   |
|                              | Schneider Johannes Christof      | Germany        |   |
|                              | Leeuw Thomas                     | Germany        |   |
|                              | Metz-Weidmann Christiane         | Germany        |   |
|                              | Saas Joachim                     | Germany        |   |
|                              | Beninga Jochen                   | Germany        |   |
|                              | Dietz Uwe                        | Germany        |   |
|                              | Weiss Tilo                       | Germany        |   |
|                              | Bartnik Eckart                   | Germany        |   |
| WO 2012071559<br>A2 20120531 | Presage Biosciences Inc          | Usa            | Therapeutic methods and compositions for solid delivery |
|                              | Klinghoffer Richard              | Usa            |   |
|                              | Frazier Jason                    | Usa            |   |
|                              | Grenley Marc                     | Usa            |   |
| WO 2012088431<br>A1 20120628 | Ironwood Pharmaceuticals Inc     | Usa            | Faah inhibitors   |
|                              | Hudson Colleen                   | Usa            |   |
|                              | Barden Timothy C                 | Usa            |   |
|                              | Jia James                        | Usa            |   |
|                              | Mermerian Ara                    | Usa            |   |
|                              | Peng Bo                          | Usa            |   |
|                              | Yang Jane                        | Usa            |   |
|                              | Yu Xiang Y                       | Usa            |   |
| Sprott Kevin                 | Usa                              |                |   |
| WO 2012090002<br>A1 20120705 | Immune Targeting Systems Its Ltd | United Kingdom | Fluorocarbon-linked peptide formulation                 |
|                              | Brown Carlton Bradley            | United Kingdom |   |
|                              | Georges Bertrand Victor Gilbert  | United Kingdom |   |
|                              | Thaburet Jean Francois           | United Kingdom |   |
| US 2012156307 A1<br>20120621 | Apr Nanotechnologies S A         | Switzerland    | Medical uses of nanoclustered water                     |



# VT Mascotas



| Nº de publicación  | Solicitante                                 | País de origen | Contenido Técnico   |
|--|---|----------------|---|
| <a href="#">FR 2971941 A1</a><br><a href="#">20120831</a>    | Physica Pharma                              | France         | Cutaneous pharmaceutical compositions for the local treatment of canine atopic dermatitis   |
| <a href="#">CN 102450282 A</a><br><a href="#">20120516</a>   | Zhou D                                      | China          | Ecofriendly and long-acting series drug, useful e.g. for preventing and controlling zoonotic infectious vector e.g. fleas, comprises e.g. an insect growth regulator and a plant essential oil containing multiple components |
| <a href="#">EP 2487176 A1</a><br><a href="#">20120815</a>    | Elanco Animal Health Ireland Ltd            | Ireland        | Macrocyclic integrase inhibitors for use in the treatment of feline immunodeficiency virus  |
| <a href="#">US 2012156307 A1</a><br><a href="#">20120621</a> | Apr Nanotechnologies S A                    | Switzerland    | Medical uses of nanoclustered water   |
| <a href="#">WO 2012094297 A1</a><br><a href="#">20120712</a> | Univ California                             | Usa            | Azuvirin peptides   |
|  | Ruchala Piotr P                             | Usa            |   |
|  | Lehrer Robert I                             | Usa            |   |
| <a href="#">US 2012201811 A1</a><br><a href="#">20120809</a> | Secretary Dept Of Health And Human Services | Usa            | Generation and use of fab, scfv, and related binding molecules specific for hiv-1 rev   |
| <a href="#">US 2012142696 A1</a><br><a href="#">20120607</a> | Selness Shaun R                             | Usa            | Substituted indole/indazole-pyrimidinyl compounds   |
|  | Monahan Joseph B                            | Usa            |   |
|  | Schindler John F                            | Usa            |   |
|  | Devadas Balekudru                           | Usa            |   |
| <a href="#">WO 2012089623 A1</a><br><a href="#">20120705</a> | Intervet Int Bv                             | Netherlands    | Topical localized isoxazoline formulation comprising glycofurol   |
|  | Fuchs Stefan                                | Germany        |   |
|  | Heckeroth Anja Regina                       | Germany        |   |
|  | Mueller Ramona                              | Germany        |   |
|  | Williams Heike                              | Germany        |   |
|  | Zoller Hartmut                              | Germany        |   |

| Nº de publicación            | Solicitante                      | País de origen | Contenido Técnico   |
|------------------------------|----------------------------------|----------------|---|
| WO 2012089622 A2<br>20120705 | Intervet Int Bv                  | Netherlands    | Topical localized isoxazoline formulation                                   |
|                              | Fuchs Stefan                     | Germany        |   |
|                              | Heckeroth Anja Regina            | Germany        |   |
|                              | Mueller Ramona                   | Germany        |   |
|                              | Williams Heike                   | Germany        |   |
| US 2012142709 A1<br>20120607 | Zoller Hartmut                   | Germany        | Substituted pyridinone-pyridinyl compounds                                  |
|                              | Selness Shaun R                  | Usa            |   |
|                              | Monahan Joseph B                 | Usa            |   |
|                              | Schindler John F                 | Usa            |   |
| WO 2012090002 A1<br>20120705 | Devadas Balekudru                | Usa            | Fluorocarbon-linked peptide formulation                                     |
|                              | Immune Targeting Systems Its Ltd | United Kingdom |   |
|                              | Brown Carlton Bradley            | United Kingdom |   |
|                              | Georges Bertrand Victor Gilbert  | United Kingdom |   |
| WO 2012107585 A1<br>20120816 | Thaburet Jean Francois           | United Kingdom | Novel concentrated and stable topical antiparasitic compositions            |
|                              | Ceva Sante Animale Sa            | France         |   |
|                              | Guimberteau Florence             | France         |   |
| WO 2012071559 A2<br>20120531 | Forget Patrick                   | France         | Therapeutic methods and compositions for solid delivery                     |
|                              | Presage Biosciences Inc          | Usa            |   |
|                              | Klinghoffer Richard              | Usa            |   |
|                              | Frazier Jason                    | Usa            |   |
| WO 2012119203 A1<br>20120913 | Grenley Marc                     | Usa            | Gene expression and eradication system in helicobacter pylori               |
|                              | Ondek Pty Ltd                    | Australia      |   |
|                              | Benghezal Mohammed               | Australia      |   |
|                              | Debowski Aleksandra Weronika     | Australia      |   |
|                              | Sehna Miriam                     | Australia      |   |
|                              | Dieye Yakhya                     | Australia      |   |
|                              | Park Se-Hoon                     | Korea (South)  |   |
| Marshall Barry               | Australia                        |                |   |
| WO 2012108830 A1<br>20120816 | Lavivo Ab                        | Sweden         | Synbiotic compositions for restoration and reconstitution of gut microbiota |
|                              | Wadstroem Torkel                 | Sweden         |   |
|                              | Ljungh Aasa                      | Sweden         |   |
|                              | Ambalam Padma                    | India          |   |
|                              | Kondepudi Kanthi Kiran           | India          |   |

| Nº de publicación            | Solicitante                    | País de origen | Contenido Técnico  |
|------------------------------|--------------------------------|----------------|--|
| WO 2012109167 A1<br>20120816 | Integrated Biotherapeutics Inc | Usa            | Immunogenic composition comprising alpha-hemolysin oligopeptides   |
|                              | Aman Mohammad Javad            | Usa            |  |
|                              | Adhikari Rajan Prasad          | Usa            |  |
|                              | Karauzum Hatice                | Usa            |  |
|                              | Warfield Kelly Lyn             | Usa            |  |
| WO 2012105312 A1<br>20120809 | Calpis Co Ltd                  | Japan          | Arthritis prevention/amelioration substance  |
|                              | Itoh Kikuji                    | Japan          |  |
|                              | Fujiwara Shigeru               | Japan          |  |
| WO 2012090006 A2<br>20120705 | Imp Innovations Ltd            | United Kingdom | Methods for improving fracture healing and bone formation  |
|                              | Nanchahal Jagdeep              | United Kingdom |  |
|                              | Horwood Nicole                 | United Kingdom |  |
| US 2012196819 A1<br>20120802 | Newmarket Pharmaceuticals LLC  | Usa            | Animal treatments  |
| WO 2012080461 A1<br>20120621 | Sanofi Sa                      | France         | Mirnas in joint disease  |
|                              | Heermeier Kathrin              | Germany        |  |
|                              | Schneider Johannes Christof    | Germany        |  |
|                              | Leeuw Thomas                   | Germany        |  |
|                              | Metz-Weidmann Christiane       | Germany        |  |
|                              | Saas Joachim                   | Germany        |  |
|                              | Beninga Jochen                 | Germany        |  |
|                              | Dietz Uwe                      | Germany        |  |
|                              | Weiss Tilo                     | Germany        |  |
| Bartnik Eckart               | Germany                        |                |  |
| KR 20120095167 A<br>20120828 | Kbnp Inc                       | Korea (South)  | Vaccine composition for immunocastration comprising stf2-gnrh fusion recombinant protein and method for animal immunocastration using the same |
|                              | Univ Konkuk Ind Coop Corp      | Korea (South)  |  |
| WO 2012103260 A2<br>20120802 | Cdi Lab                        | Usa            | High-throughput methods to produce, validate and characterize mmabs  |
|                              | Pino Ignacio                   | Usa            |  |

| Nº de publicación            | Solicitante                  | País de origen | Contenido Técnico                |
|------------------------------|------------------------------|----------------|----------------------------------|
| WO 2012088431 A1<br>20120628 | Ironwood Pharmaceuticals Inc | Usa            | Faah inhibitors                  |
|                              | Hudson Colleen               | Usa            |                                  |
|                              | Barden Timothy C             | Usa            |                                  |
|                              | Jia James                    | Usa            |                                  |
|                              | Mermerian Ara                | Usa            |                                  |
|                              | Peng Bo                      | Usa            |                                  |
|                              | Yang Jane                    | Usa            |                                  |
|                              | Yu Xiang Y                   | Usa            |                                  |
|                              | Sprott Kevin                 | Usa            |                                  |
| US 2012225050 A1<br>20120906 | Novus Int Inc                | Usa            | Methods for improving gut health |



| Nº de publicación            | Solicitante                              | País de origen | Contenido Técnico  |
|------------------------------|--|----------------|--|
| US 2012213774 A1<br>20120823 | Hoffmann La Roche                        | Usa            | Antibodies against human il33r and uses thereof  |
| CN 102590508 A<br>20120718   | Inst Parasitic Disease Chinese Acad Prev | China          | Immunity chromatography reagent strip, useful for detecting visceral leishmaniasis and protozoal infection and diagnosing black fever and kala-azar, comprises sample pad, cellulose membrane connected to sample pad, and gold standard pad |
| WO 2012075393<br>A2 20120607 | Harvard College                          | Usa            | Activators of proteasomal degradation and uses thereof   |
|                              | Goldberg Alfred L                        | Usa            |  |
|                              | Smith David Matthew                      | Usa            |  |
| JP 2012115234 A<br>20120621  | Inoa Corp Co LTD                         | Japan          | Polyphenol-containing sustained-release antimicrobial agent, method of producing the same, and method of measuring its antimicrobial activity  |
| JP 2012170435 A<br>20120910  | Nagaura Y                                | Japan          | Heating and killing Anophles mosquito or tsetse fly which carries Plasmodium, trypanosomatid protozoan, various viruses, and bacteria which are pathogens comprises using electromagnetic waves, and its apparatus in air                    |
| WO 2012079115<br>A1 20120621 | Commw Scient Ind Res Org                 | Australia      | Immunostimulatory oligonucleotides   |
|                              | Mat Malta Advanced Technologies Ltd      | Malta          |  |
|                              | Stewart Cameron                          | Australia      |  |
|                              | Bean Andrew                              | Australia      |  |
|                              | Lowenthal John W                         | Australia      |  |
| WO 2012112458<br>A2 20120823 | Univ California                          | Usa            | Compositions and methods for increasing reprogramming efficiency   |
|                              | Williams Ambrose                         | Usa            |  |
|                              | Deng Wenbin                              | Usa            |  |

| Nº de publicación            | Solicitante                   | País de origen | Contenido Técnico   |
|------------------------------|-------------------------------|----------------|---|
| WO 2012109075<br>A1 20120816 | Plexxikon Inc                 | Usa            | Compounds and methods for kinase modulation, and indications therefor                             |
|                              | Ibrahim Prabha N              | Usa            |   |
|                              | Zhang Chao                    | Usa            |   |
|                              | Spevak Wayne                  | Usa            |   |
|                              | Zhang Jiazhong                | Usa            |   |
|                              | Wu Guoxian                    | Usa            |   |
|                              | Lin Jack                      | Usa            |   |
|                              | Cho Hanna                     | Usa            |   |
|                              | Nespi Marika                  | Usa            |   |
|                              | Shi Songyuan                  | Usa            |   |
|                              | Ewing Todd                    | Usa            |   |
|                              | Zhang Ying                    | Usa            |   |
| WO 2012112458<br>A2 20120823 | Univ California               | Usa            | Compositions and methods for increasing reprogramming efficiency                                  |
|                              | Williams Ambrose              | Usa            |   |
|                              | Deng Wenbin                   | Usa            |   |
| WO 2012101167<br>A1 20120802 | Austrianova Singapore Pte Ltd | Singapur       | Protection of microbial cells from acidic degradation   |
|                              | Guenzburg Walter H            | Singapur       |   |
|                              | Brandtner Eva Maria           | Singapur       |   |
|                              | Salmons Brian Salmons         | Singapur       |   |
| WO 2012087153<br>A1 20120628 | Dangerfield John A            | Singapur       | Enrichment of marine oils with omega-3 polyunsaturated fatty acids by lipase-catalysed hydrolysis |
|                              | Marine Bioproducts As         | Norway         |   |
|                              | Derya Kahveci                 | Turkey         |   |
|                              | Xuebing Xu                    | Denmark        |   |



# Noticias



## Patricia García-Escudero, nueva Directora General de la OEPM

Patricia García-Escudero sustituye en el cargo a Alberto Casado Cerviño, actual Vicepresidente de la Oficina Europea de Patentes.

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## Acto de Homenaje a Carlos Fernández-Novoa

El 24 de septiembre se ha celebrado en Sevilla un acto de reconocimiento al Profesor Carlos Fernández-Nóvoa, todo un referente dentro del ordenamiento jurídico español.

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## La OEPM con las Plataformas Tecnológicas Españolas

Para ser competitiva, la industria española y europea necesita especializarse en áreas de alta tecnología, incrementando la inversión en investigación y mejorando la coordinación entre los agentes relevantes.

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## El Ministerio de Industria, Energía y Turismo y el Ministerio de Defensa firman un Convenio para la promoción de la Propiedad Industrial

Han firmado un protocolo para la promoción de la Propiedad Industrial (PI) que establece un marco de cooperación con el objetivo de impulsar, estimular y facilitar el conocimiento y la utilización de los derechos de Propiedad Industrial por parte del Ministerio de Defensa en los programas de I+D+i.

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## La OEPM en redes sociales

Dentro de las acciones adoptadas para aumentar la visibilidad de la Oficina española de Patentes y Marcas (OEPM) en Internet, se han creados dos perfiles institucionales de OEPM en twitter y facebook.

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## Premios CEEI Asturias en sus dos modalidades: VII Premio al Mejor Proyecto Empresarial de Base Tecnológica y el VI Concurso de Patentes y Modelos de utilidad de Asturias.

Este concurso pretende potenciar la puesta en marcha de los mejores proyectos de Empresas de Base Tecnológica (EBTs) con el fin desarrollar decididamente un nuevo tejido empresarial con mayor valor añadido y empleo cualificado.

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## El grupo ENEL-ENDESA lanza un concurso para seleccionar tecnología con valor añadido.

Objetivo de seleccionar 6 proyectos de empresas españolas e italianas de reciente creación en el ámbito de las tecnologías limpias en el sector energético donde se potenciará la generación de las ideas con valor y se pondrá de manifiesto el beneficio que supone la protección de éstas por medio de la Propiedad Industrial.

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## Novena Edición de los Premios madri+d

La Dirección General de Universidades e Investigación de la Comunidad de Madrid, a través de la Fundación madri+d, convoca la novena edición de los Premios madri+d que reconocen las categorías de Patentes, Ideas y Nuevas Empresas de Base Tecnológica, Proyectos Europeos de I+D en Cooperación y Comunicación Científica.

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# Noticias



## Firma del Convenio de LATIPAT

Con este Convenio se da un renovado impulso para que LATIPAT siga siendo la base de datos de referencia sobre patentes en Iberoamerica, al tiempo que se mantiene el liderazgo de la OEPM en la gestión y dirección de la misma.

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## El Foro de Marcas Renombradas Españolas ha elegido a los nuevos embajadores de la Marca España

Los nuevos embajadores de la Marca España son el actor Antonio Banderas, el piloto Fernando Alonso, el empresario Isak Andic, el economista Pedro Nueno, el cocinero José Andrés, la científica María Blasco, la Organización Nacional de Trasplantes y la Alta Velocidad.

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## Reunión del Pleno del Observatorio para la Lucha Contra la Falsificación

Representantes de la Comisión y del Parlamento Europeo, de los Estados miembros de la Unión Europea, así como de industrias y negocios han discutido el programa de trabajo para 2013.

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## Efectos de la falsificación de productos

La OEPM y ANDEMA fomentan el rechazo al consumo de falsificaciones, ya que son productos sin garantías ni control de calidad, que compiten deslealmente, destruyen empleo y pueden llegar a poner en peligro la salud de los consumidores.

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## Reunión preparatoria de la Cumbre Iberoamericana en Materia de PI

Con motivo de la XXII Cumbre Iberoamericana de Jefes de Estado y de Gobierno, la OEPM organizó en julio una reunión en la que participaron los Directores Generales de las Oficinas Iberoamericanas de la Propiedad Industrial.

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## Los Modelos de Utilidad y Diseños batan récords históricos

La rapidez, agilidad y eficacia en la tramitación de Diseños y Modelos de Utilidad son esenciales, ya que protegen aquellas innovaciones que la mayoría de las PYME y emprendedores realizan en España.

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## Análisis del primer semestre de 2012

En el desarrollo de la Estrategia 2012-2014, realizado durante el primer semestre del año, destaca el lanzamiento anual del programa de subvenciones de la OEPM para el apoyo financiero a las empresas en el fomento de su internacionalización por medio de las patentes.

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# Noticias



## Se fortalece la colaboración entre el INIA y Vet+i

El Director del INIA, Manuel Laínez, será el representante del Instituto en el Consejo Gestor de la Plataforma.

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## Vet+i asiste a una Jornada sobre Compra Pública Innovadora

Se destacó la Compra Pública Innovadora como instrumento de fomento de la innovación empresarial, contribuyendo a la eficacia y eficiencia de los servicios públicos, y el importante papel de las Plataformas Tecnológicas como agente colaborador.

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## Vet+i refuerza su colaboración con la OEPM

La nueva Directora de la OEPM, Patricia García-Escudero, valoró positivamente las actuaciones de Vet+i en materia de propiedad industrial y manifestó su deseo de seguir colaborando con la Plataforma.

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## Vet+i asiste a una Jornada sobre Transferencia de Tecnología organizada por AENOR

Se analizó en profundidad la Norma UNE 166008, sobre Transferencia de Tecnología, sus ventajas, a qué se aplica, a quién va dirigida y los beneficios fiscales de adoptarla.

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## Vet+i colabora en una Jornada sobre Disponibilidad de Medicamentos en Ovino y Caprino

La Jornada organizada conjuntamente por la SEOC, INTEROVIC y la Plataforma Vet+i contó con una alta participación entre todos los interesados del ámbito de los medicamentos en ovino y caprino.

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## Vet+i se reúne con el Subdirector General de Fomento de la Innovación Empresarial

El Subdirector valoró positivamente las actuaciones de Vet+i en campos como la Compra Pública Innovadora, la Propiedad Industrial y el sistema de incentivos fiscales por I+D+i.

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## Vet+i asiste a la Jornada sobre el Programa Marco de I+D+i de la UE organizada por el MINECO.

Se analizaron las posibilidades y beneficios que el VII PM está ofreciendo actualmente y los objetivos que deberían establecerse para el futuro "Horizon 2020" que se convoca en 2013.

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## Vet+i refuerza la colaboración con la Plataforma Europea sobre Uso Responsable de Medicamentos Veterinarios - EPRUMA

La Plataforma Vet+i ha participado en una reunión sobre Uso Responsable de Medicamentos Veterinarios organizada por la iniciativa europea EPRUMA.

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# Noticias



## Nueva Directora de la Oficina Española de Patentes y Marcas (OEPM)

Patricia García-Escudero Márquez sustituye en el cargo a Alberto Casado Cerviño.

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## El portal web 'Vetinnova' ya se encuentra operativo en [www.vetinnova.es](http://www.vetinnova.es)

Vetinnova es una iniciativa de Vet+i que fomentará la colaboración público-privada, la transferencia de conocimiento y tecnología y la identificación de nuevas oportunidades en I+D+i en el ámbito de la sanidad animal.

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