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SANIDAD ANIMAL

46

Vigilancia Tecnológica 2º trimestre 2022



MINISTERIO
DE INDUSTRIA, COMERCIO
Y TURISMO



Oficina Española
de Patentes y Marcas

Fundación
Vet+i
Plataforma Tecnológica Española de Sanidad Animal

**OBJETIVOS
DE DESARROLLO
SOSTENIBLE**



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 Fundación Vet+i -Plataforma Tecnológica Española de Sanidad Animal, 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 boletín número cuarenta y seis recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el segundo trimestre de 2022 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 aplicación 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 Fundación Vet+i.

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

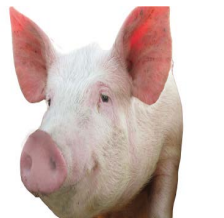
Contenido



Bovino



Ovino y
Caprino



Porcino



Avicultura



Acuicultura



Apicultura



Équidos



Mascotas



Varios

VT Bovino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
JP 2022081686 A 20220531	Toyo Shinyaku Co Ltd	Japan	Agent used as immunopotentiator, antiallergic agent, intestinal regulator and lactic acid bacteria intestinal adhesion improver, comprises extract of flower comprising rose, cherry blossoms and Chrysanthemum
BR 102021009223 A2 20220104	Univ Federal Da Grande Dourados	Brazil	Use of copper(II) salt products and copper(II) complexes as veterinary product with high biological activity of broad spectrum and with multifunctionalities, when applied in e.g. Combinations with nitroxynil and other commercial products, in control of contamination of endo and ectoparasites
	Univ Federal Parana		
RO 135563 A0 20220330	Univ De Stiinte Agricole Si Medicina Veterinara A Banatului Regele Mihai I Al Romaniei Din Timisoara	Romania	Kit for differentiated and fractionated administration of therapeutic preparations for mastitis in cattle and method for using the same
RU 2768607 C1 20220324	Federalnoe Gosudarstvennoe Byudzhetnoe Nauchnoe Uchrezhdenie Vserossijskij Nauchno Issledovatel'skij	Romania	Method for the treatment of purulent-catarrhal mastitis in cows
RU 2768608 C1 20220324	Federalnoe Gosudarstvennoe Byudzhetnoe Nauchnoe Uchrezhdenie Vserossijskij Nauchno Issledovatel'skij	Romania	Method for the treatment of catarrhal mastitis in cows
RU 2767688 C1 20220318	Fed Gosudarstvennoe Byudzhetnoe Nauchnoe Uchrezhdenie Omskij Agrarnyj Nauchnyj Tsent'r Fgbnu Omskij A	Russian Federation	Method for staging indirect immunofluorescence reaction for diagnosing bovine leukaemia
RU 2020101896 A3 20210716	Univ Kuban State Agrarian	Russian Federation	Vaccine useful against escherichiosis of e.g. Calves is prepared by mixing broth cultures of epizootic strains of Escherichia coli possessing genes of thermolabile and thermostable shiga-like toxins, separating bacterial mass, inactivating with formalin and adding e.g. Pyrogenal solution
RU 2769617 C1 20220404	Fed Gosudarstvennoe Byudzhetnoe Nauchnoe Uchrezhdenie Fed Tsent'r Toksikologicheskoy Radiatsionnoj I	Russian Federation	Medicinal composition and method for the prevention of diarrhea in newborn calves
RU 2768609 C1 20220324	Federalnoe Gosudarstvennoe Byudzhetnoe Nauchnoe Uchrezhdenie Vserossijskij Nauchno Issledovatel'skij	Russian Federation	Method of treating subclinical mastitis in lactating cows

Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20220075555 A 20220608	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Vaccin composition containing inactivated Salmonella Gallinarum cells by the culture medium containing plantaricin of Lactobacillus plantarum for preventing or treating Fowl Typhoid
WO 2022043531 A1 20220303	Janssen Sciences Ireland Unlimited Co	Ireland	New substituted ethylene-bridged nucleic acid monomer used for forming oligonucleotide used in pharmaceutical composition for therapy and/or prophylaxis of disorder in mammal
	Univ Rouen Normandie	France	
	Centre Nat Rech Scient Institut Nat Des Sciences Appliquees De Rouen Normandie		
WO 2022053584 A1 20220317	Bimeda Amea Ltd	Ireland	An optimised veterinary injectable formulation
CN 113549572 A 20211026	Univ Guangdong Ocean	China	Streptococcus combined vaccine for marine fish and preparation method of streptococcus combined vaccine
	Guangdong Laboratory Of Southern Ocean Science And Eng Zhanjiang		
CN A 20220412	Inner Mongolia Biovet Bio-Technology Co	China	New baby hamster kidney 21 suspension cell clone BHK21-KLXF-QZ5 useful in preparing viral antigens, preferably O-type and A-type bivalent 3B protein epitope deletion virus of foot-and-mouth disease marker virus
WO 2022079684 A1 20220421	Biomedical Res S R L	Italy	Composition based on autologous platelet concentrates and a colostrum isolate mixture of biological factors for use in the treatment of conditions requiring tissue repair and regeneration
CN 113647513 A 20211116	Chongqing Academy Animal Sci	China	Livestock and poultry feed taking indigofera pseudotinctoria as main material
CN 114369159 A 20220419	Univ Shanghai Jiaotong	China	Bovine-derived anti-Staphylococcus aureus eukaryotic expression single-chain antibody for medicine for suppressing cow mastitis, comprises light chain variable region VL, heavy chain variable region VH, connecting peptide Linker, and connects according to sequence of VL-Linker-VH
WO 2022101511 A1 20220519	Artechno	Belgium	The symbiotic composition is useful in complete or complementary feed for livestock or food for newborn animals for preventing or treating dysbiosis and reducing diarrhea in piglets during nursing and/or post-weaning and promoting an antiinflammatory environment in the gut of the nursing and/or post-weaning piglet (all claimed).
	Aveve Biochem		
	Dumoulin		
	Le Centre Wallon De Rech Agronomiques		
	Univ Liege		
	Vesale Pharmaceutica		
CN 114276447 A 20220405	Univ Shanghai Jiaotong	China	Bovine-derived single-chain antibody used in medicament, and diagnostic kit for inhibiting mastitis in cow, and growth of Staphylococcus aureus, comprises light chain variable region, heavy chain variable region and connecting peptide Linker

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114369165 A 20220419	Univ Shanghai Jiaotong	China	Bovine-derived single-chain antibody against Staphylococcus aureus virulence factor gapc comprises light chain variable region VL, heavy chain variable region VH, and linker peptide Linker
CN 114432433 A 20220506	Univ Huazhong Agric	China	Use of Mycoplasma bovis secreted protein MbovP725 in preparation of medicine for preventing and treating Mycoplasma bovis infection, and can be used as phosphatase to carry out an enzymatic reaction with a substrate to dephosphorylate the substrate
WO 2022094847 A1 20220512	Shenzhen Inst Of Adv Tech Cas	China	Cell lysis solution of engineering bacterium and use thereof in tumor therapy
US 11285120 B2 20220329	Ecoplanet Env Llc	USA	Volatile organic compound formulations having antimicrobial activity
FR 3115455 A1 20220429	Lesaffre & Cie	France	Use of Saccharomyces cerevisiae or live yeast in composition for preventing or treating parasitosis and cryptosporidiosis caused by Cryptosporidium parvum
US 2022072047 A1 20220310	Ulsan Nat Inst Science & Tech Unist	South Korea	Magnetic immuno-particle and use thereof
CN 113616781 A 20211109	Amicogen China Biopharm Co Ltd	China	Cefalonium-containing preparation for treating mastitis of dairy cows in dry period and preparation method of cefalonium-containing preparation
WO 2022084426 A1 20220428	Intervet Int Bv	Nether- land	The baculovirus expression vector
	Intervet Inc	USA	
WO 2022055250 A1 20220317	Biosolution Co Ltd	South Korea	Method for manufacturing microorganism-derived extracellular vesicles having improved yield, and composition for improving skin condition comprising extracellular vesicles manufactured thereby
CN 114409778 A 20220429	Univ Shanghai Jiaotong	China	New bovine-derived single-chain antibody inhibiting staphylococcus aureus hemolytic function useful in medicine for suppressing cow mastitis and kit for Staphylococcus aureus, comprises light chain variable region, heavy chain variable region, and linker peptide
KR 20220036254 A 20220322	Knu Ind Coop Found Cureson Co Ltd Univ Daegu Catholic Iacf	South Korea	Composition comprises 3-hydroxyolean-12-en-27-oic acid or it's derivative. The composition is useful as health functional food for preventing and treating osteolytic diseases including rheumatoid arthritis, can be administered in mammals including mice, livestock, and human

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114381387 A 20220422	Univ Yangzhou	China	New Lactobacillus salivarius S32 for preparing microbial inoculum, and products for treating intestinal pathogenic bacterial infections, where intestinal pathogens is selected from coliform, Salmonella, Staphylococcus aureus, Shigella or Listeria, preferably Salmonella is Dellpis bacteria 14T
WO 2022084455 A1 20220428	2qr Res B V	Netherland	Aloe extracts for microbial neutralisation. For treating or preventing an infection in a human or animal body, where the infection is in livestock, pets, sports animals or cattle (all claimed).
WO 2022072431 A1 20220407	Zoetis Services Llc Us Agriculture	USA	Novel pasteurella multocida strains and vaccines having hyac and nanop deletions
WO 2022081773 A1 20220421	Univ Illinois	USA	Methods of treating herpes viral infection with 4-phenylbutyrate (pba) or a pharmaceutically acceptable salt thereof
CN 114404456 A 20220429	(Dali-N) Dalian Sanyi Animal Medicine Co Ltd (Jian-N) Jiangsu Sanyi Bioeng Co Ltd	China	The preparation of medicine for regulating intestinal flora, preventing and treating diarrhea, promoting the growth of livestock and poultry
WO 2022104438 A1 20220527	The Product Makers Australia Pty Ltd	Australia	Treatment or prevention of microbial infections and dysbiosis. Prevention or treatment of mastitis in a ruminant animal
CN 113604441 A 20211105	Wuhan Guanhai Biotechnology Co Ltd	China	Broad-spectrum phage for rapidly cracking livestock and poultry escherichia coli and application
RU 1 C1 20220203	Federalnoe Gosudarstvennoe Byudzhethnoe Obrazovatelnoe Uchrezhdenie Vysshogo Obrazovaniya Donskoj Gos	Russian Federation	Remedy for the treatment of postpartum mastitis and endometritis in cows
EP 4000421 A1 20220525	Korea Inst Sci & Tech	South Korea	Composition for ameliorating inflammatory bowel disease containing tisochrysis lutea. Preventing or treating an inflammatory bowel disease in livestock or companion animals.
WO 2022112595 A1 20220602	Bluesky Immunotherapies Gmbh	Austria	Novel replication deficient influenza a virus inducing high levels of type i interferon
CN 113662950 A 20211119	Inst Animal Science & Veterinary Medicine Shandong Aas	China	Application of saponin in preparation of anti-mycoplasma bovis product
CN 113897340 A 20220107	Jiangsu Agri Animal Husbandry Vocational College	China	Preparation method of riemerella anatipestifer (ompa) monoclonal antibody cell strain
WO 2022047248 A1 20220303	Torigen Pharmaceuticals Inc	USA	Immune memory enhanced preparation
CN 114224895 A 20220325	Univ Shandong Agriculture	China	Application of 3-methyladenine in removing streptococcus agalactiae in bovine mammary epithelial cells

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113712988 A 20211130	Univ Tarim	China	The nanoparticles is used in preparing veterinary drugs for treating dairy cow mastitis
WO 2022094864 A1 20220512	Shenzhen Inst Of Adv Tech Cas	China	Method for constructing strictly anaerobic salmonella, constructed strictly anaerobic salmonella and application
CN 113476431 A 20211008	Peng Xianfeng	China	Application of cyclotriketone derivative in preparation of animal medicine
WO 2022046631 A1 20220303	Gilead Sciences Inc	USA	Use of nitrothiazole derivative of formula (I) and their hydrochlorides or sulfates in preparing medicines for treating livestock intestinal infections of poultry and livestock, especially bacterial enteritis in chickens, pigs, sheep and deer.
WO 2022079439 A2 20220421	Genome Res Ltd	United Kingdom	Trypanosomal vaccine useful for treating trypanosomal infection is an infection mediated by trypanosoma congolense, trypanosoma vivax, and animal african trypanosomiasis comprises an flagellum-adhesion glycoprotein 1 binding protein
CN 113797189 A 20211217	Univ East China Normal	China	Lauroyl arginine ethyl ester derivative and use as antibacterial agent for animals
WO 2022080250 A1 20220421	Satoh Takumi	Japan	Propionic acid releaser, acetic acid releaser, growth promoter, and intestinal function regulator
CN A 20211130	Gegewu Zhuhai Biotechnology Co Ltd	China	Application of compound in prevention and treatment of animal tumors
CN 113633751 A 20211112	Wang Nan	China	Medicament for treating foot-and-mouth disease of livestock
CN 113893260 A 20220107	Inst Animal Science & Veterinary Medicine Shandong Aas Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Application of molnupiravir as active ingredient for resisting bovine infection viruses
CN 114099458 A 20220301	Hebei Luyu Pharmaceutical Co Ltd	China	Coated florfenicol granules. The particle is useful for treating pasteurilla, Vibrio, Staphylococcus aureus, Aeromonas hydrophilainfection caused by aquatic livestock breeding animal, enteritis, red skin disease, in livestock breeding, for removing the parasite of the livestock mite, tick, ascarid and promoting the healing of the wound caused by the parasite
CN 114209744 A 20220322	Univ Anhui Agricultural	China	Cream for treating cow mastitis and preparation method

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022070211 A1 20220407	All India Inst Of Medical Sciences	India	The composition is useful for transporting a virus or a microbe, where the virus comprises coronavirus disease 2019 (COVID 19), severe acute respiratory syndrome coronavirus (SARS-cov), respiratory syncytial virus, measles virus, influenza virus, rabies virus, dengue fever virus, HIV, hepatitis A, hepatitis C-E virus, foot-and-mouth disease virus, bovine leukosis virus, bovine parainfluenza virus, bovine respiratory syncytial virus, porcine reproductive and respiratory syndrome virus, vesicular stomatitis virus, bovine viral diarrhea virus, bovine coronavirus, bovine herpesvirus-1, equine arteritis virus, Nipah virus, porcine respiratory coronavirus infection, rabies virus, Jaagsiekte sheep retrovirus
WO 2022094865 A1 20220512	Shenzhen Inst Of Adv Tech Cas	China	"Autolytic" salmonella strain, preparation method therefor and application thereof in tumor treatment
CN 114224835 A 20220325	Fujian Aong Biopharmaceutical Co Ltd	China	Injection useful in preparation of veterinary medicinal composition for treating or improving respiratory disease of livestock and poultry, comprises ceftiofur hydrochloride, meropenem, glycine, Scylla paramamosain new antibacterial peptide and solvent
	Jiangxi Ax New Biotechnology Co Ltd		
	Fujian Aonong Biotechnology Group Co Ltd		
WO 2022039604 A1 20220224	Pictor Ltd	New Zealand	The substrate is useful in kit which is useful for detecting Johne's disease and/or pregnancy in bovines and other ruminants.
CN 113967207 A 20220125	Univ Chongqing Medical	China	Application of 4-isothiourea butyronitrile hydrochloride in treatment of mycobacterial infection
CN 113861277 A 20211231	Univ Southwest Nationalities	China	The bovine rotavirus VP8 recombinant protein, gene or recombinant expression vector is useful for preparing vaccine, preferably subunit vaccine for preventing and/or treating rotavirus-induced diarrhea in animals
CN 113855660 A 20211231	Chenguang Biotech Group Co Ltd	China	Composition and application thereof in preventing and treating recessive mastitis of dairy cows
CN 113995722 A 20220201	Sichuan Oubang Biotechnology Co Ltd	China	Spectinomycin hydrochloride and lincomycin hydrochloride soluble powder and preparation method with good quality and efficacy of products for veterinary clinical treatment of livestock and poultry bacterial

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022067382 A1 20220407	Terragen Holdings Ltd	Australia	Compositions and methods for treating mammalian teat, udder or breast, or protecting a teat, udder or breast from infection, and maintaining or improving teat health or udder health in a dairy animal or a herd of dairy animals, where the mammal is lactating, dairy animal, cow, or human
CN 113876865 A 20220104	Jiangxi Prozin Pharmaceutical Co Ltd	China	Medicine preparation for preventing and treating respiratory diseases of livestock and poultry
	Jiangxi Xintiandi Pharmaceutical Co Ltd		
CN 114057656 A 20220218	Guangdong Hec Pharmaceutical	China	Favipiravir-isonicotinine co-crystal used for preparing medication for preventing, treating or reducing influenza virus, preferably coronavirus, and treating disease or infection caused by hepatitis C or bovine diarrhea virus
CN 114181306 A 20220315	Shanghai Traffic Univ	China	Bovine-derived single-chain antibody for resisting staphylococcus aureus virulence factor H1b as well as preparation method and application of bovine-derived single-chain antibody
CN 114009594 A 20220208	Univ Henan Science & Tech	China	Anti-coccidial drug for livestock and poultry, fermented Chinese herbal medicine composition and preparation method and application thereof
CN 114176170 A 20220315	Henan Animal Husbandry Economy College	China	Functional feed additive for use in preparation of medicine or feed for preventing or treating diarrhea of ruminants, comprises raw materials as hybridization Broussonetia papyrifera stem and leaf fermented product
	Henan Province Kangxing Pharmaceutical Co Ltd		
	Shandong Tiansong Agriculture And Animal Husbandry Development Ltd Company		
	Community Flag Jinjiao Agriculture And Pastoral Co Ltd		
US 2022047770 A1 20220217	Univ Arizona	USA	Antimicrobial biopolymer compositions, methods of synthesis, for preventing or treating diarrhea of ruminants.
CN 113694060 A 20211126	Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Application of nitrothiazole derivative and hydrochloride and sulfate thereof in preparation of medicine for treating intestinal infection of livestock
CN 113855793 A 20211231	Univ Southwest	China	Application of bovine-derived A-type pasteurilla multocida gene deletion strain
CN 114129192 A 20220304	Henan Academy Of Agricultural Sciences Inst Of Livestock Veterinary	China	Rapid sampling device for calf diarrhea pathogen detection
CN 113913461 A 20220111	Univ Guizhou	China	Construction method of bovine viral diarrhea E0-E2 gene recombinant adenovirus vaccine



Ovino y Caprino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022026116 A1 20220203	Secant Group Llc	USA	Delivery system used for treating gastrointestinal disease, comprises crosslinked poly(glycerol sebacate). The target location is gastrointestinal tract of ruminant animal.
US 11285120 B2 20220329	Ecoplanet Env Llc	USA	Volatile organic compound formulations having antimicrobial activity. The bacterial infection is caused by Escherichia coli, Staphylococcus aureus, or Salmonella
FR 3115455 A1 20220429	Lesaffre & Cie	France	Use of Saccharomyces cerevisiae or live yeast in composition for preventing or treating parasitosis and cryptosporidiosis caused by Cryptosporidium parvum.
JP 2022027498 A 20220210	Apollo Biomedical Llc	Japan	Multiplex detection kit useful for detecting e.g. New type coronavirus (cov), Middle east respiratory syndrome-cov, severe acute respiratory syndrome-cov-2, type A influenza virus, and type B influenza virus, comprises angiotensin converting enzyme-2 protein labeled with colored latex. The first control line region comprises a goat anti-rabbit igg polyclonal antibody
CN 114381387 A 20220422	Univ Yangzhou	China	Prevention and treatment of intestinal pathogenic infection, and inhibits Salmonella and other intestinal pathogens.
WO 2022104438 A1 20220527	The Product Makers Australia Pty Ltd	Australia	Prevention or treatment of mastitis in a ruminant animal
CN 113604441 A 20211105	Wuhan Guanhai Biotechnology Co Ltd	China	Broad-spectrum phage for rapidly cracking livestock and poultry escherichia coli and application
CN 113476431 A 20211008	Peng Xianfeng	China	Application of cyclotriketone derivative in preparation of animal medicine for treating animal bacterial infectious diseases
WO 2022076419 A1 20220414	Albert Einstein College Of Medicine	USA	New polypeptide comprises Circoviridae virus capsid protein linked to heterologous protein or fragment, for treating or preventing rotavirus infection, and for inducing immune response against rotavirus or Circoviridae virus

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113797189 A 20211217	Univ East China Normal	China	Lauroyl arginine ethyl ester derivative and use as antibacterial agent for animals
CN 113633751 A 20211112	Wang Nan	China	Medicament for treating foot-and-mouth disease of livestock
CN 114099458 A 20220301	Hebei Luyu Pharmaceutical Co Ltd	China	The particle is useful for treating pasteurella, Vibrio, Staphylococcus aureus, Aeromonas hydrophilainfection caused by aquatic livestock breeding animal, enteritis, red skin disease, in livestock breeding, for removing the parasite of the livestock mite, tick, ascarid and promoting the healing of the wound caused by the parasite
WO 2022070211 A1 20220407	All India Inst Of Medical Sciences	India	Transport media composition used to e.g. Transport virus e.g. Respiratory syncytial virus, measles virus, influenza virus and HIV, or microbe e.g. Escherichia coli comprises guanidine hydrochloride, N-lauryl sarcosine, tris and water
WO 2022039604 A1 20220224	Pictor Ltd	New Zealand	Substrate useful in kit for detecting Johne's disease and/or pregnancy in bovines and other ruminants, comprises at least two capture elements specific for above diseases, where each capture element binds to target analyte and further comprises several control elements
CN 113995722 A 20220201	Sichuan Oubang Biotechnology Co Ltd	China	The soluble powder: improves the stability of spectinomycin hydrochloride in aqueous solution; ensures the quality and efficacy of the product, and the good quality and efficacy of products for veterinary clinical treatment of livestock and poultry bacterial
CN 113876865 A 20220104	Jiangxi Prozin Pharmaceutical Co Ltd Jiangxi Xintiandi Pharmaceutical Co Ltd	China	Preventing and treating respiratory diseases of livestock and poultry
CN 114009594 A 20220208	Univ Henan Science & Tech	China	Anti-coccidiosis medicine useful in preparation of anticoccidiosis feed or feed additive for livestock and poultry comprises 2-pentadecenyl-6-hydroxybenzoic acid as effective component

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114176170 A 20220315	Henan Animal Husbandry Economy College	China	Preventing or treating diarrhea of ruminants, comprises
	Henan Province Kangxing Pharmaceutical Co Ltd		
	Shandong Tiansong Agriculture And Animal Husbandry Development Ltd Company		
	Community Flag Jinjiao Agriculture And Pastoral Co Ltd		
WO 2022098051 A1 20220512	Korea Res Inst Bioscience & Biotechnolog	South Korea	New peptide. The composition is also used for preventing or improving cognitive dysfunction and neuroinflammation in animals such as rats, livestock, and humans
CN 113694060 A 20211126	Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Application of nitrothiazole derivative and hydrochloride and sulfate thereof in preparation of medicine for treating intestinal infection of livestock
CN 113952397 A 20220121	Jiangxi Prozin Pharmaceutical Co Ltd	China	Preventing and treating mixed infection of livestock and poultry and preparation method thereof
	Jiangxi Xintiandi Pharmaceutical Co Ltd		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022022532 A1 20220203	Dongguan Pengzhi Biotechnology Co Ltd	China	The antibody is useful to prepare diagnostic reagent or diagnostic kit for diseases. The species source of the constant region is bovine, horse, dairy cattle, pig, sheep, sheep, goat, rat, mouse, dog, cat, rabbit, camel, donkey, deer, mink, chicken, duck, goose, turkey, cock or man; preferably the constant region is derived from sheep
CN 114053404 A 20220218	Heilongjiang Linggang Biological Tech Co Ltd	China	Livestock biological immune formulation useful for inhibiting pathogenic Escherichia coli in intestinal tract, regulating balance of microbial flora in intestinal tract, and preventing livestock diarrhea, comprises specific egg yolk immunoglobulin complex antibody
US 2022071904 A1 20220310	Curemark Llc	USA	Methods of prophylaxis of coronavirus infection and treatment of coronaviruses

VT Porcino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022090131 A1 20220505	Consejo Superior Investigación	Spain	Recombinant african swine fever virus as live attenuated vaccine against african swine fever
	Univ Kansas State	USA	
PH 12017550047 B1 20180205	Genifarm Laboratories Inc	China	Use of taurine for prevention, treatment of diseases induced by viruses of coronavirus, rotavirus, porcine epidemic diarrhea, porcine transmissible gastroenteritis, rotavirus diarrhea
	Guang Zhou Yuan Tu Biological Ang Chemical Tech Co Ltd		
RU 2020101896 A3 20210716	Univ Kuban State Agrarian	Russian Federation	Vaccine is useful against escherichiosis of calves and piglets.
KR 20220069289 A 20220527	Seoul Nat Univ R&Db Foundation	South Korea	New peptide specifically recognized by porcine T cells, useful in vaccine composition and medicinal composition for preventing porcine reproductive and respiratory syndrome virus
	Republic Korea Animal & Plant Quarantine Agency		
CN 215534310 U 20220118	Liuzhou Animal Epidemic Disease Prevention Control Center	China	African swine fever antibody detection device
KR 20220046735 A 20220415	Quegen Biotech Co Ltd	South Korea	Composition useful medicine and inhaled antiviral agent for treating coronavirus, comprises pig-derived lung surfactant and lipoprotein composite for delivering drug directly to lungs by breathing through bronchi
	Syntekabio Inc		
RU 2020101582 A 20210715	Univ Kuban State Agrarian	Russian Federation	Preventing escherichiosis in pigs by performing double immunization of piglets with vaccine containing formalin inactivated shiga-like toxins of Escherichia coli and pyrogenal solution and immunizing sows from which piglets are obtained with same vaccine intramuscularly
CN 114288057 A 20220408	Nanjing Vet Health Management Co Ltd	China	Assessing risk of infectious diseases in gilt's pigs.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20220056701 A 20220506	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Composition useful as e.g. Vaccine for preventing and treating porcine pleural pneumonia in piglet and sow, comprises e.g. Terminal fragment recombinant antigen having C-terminal fragment of toxin in Actinobacillus pleuropneumoniae5b L20
CN 114315983 A 20220412	Henan Xinghua Biotechnology Co Ltd	China	New mutant useful in preparation of product for preventing and/or treating porcine circovirus disease and in research and promotion of baculovirus genetic engineering vaccinating agent for animal diseases
CN 114409743 A 20220429	Lanzhou Veterinary Res Inst China Agric	China	New African swine fever virus p54 protein epitope, single epitope or recombinant VLP displays multiple epitopes
CN 113896771 A 20220107	Lanzhou Veterinary Res Inst Caas	China	Polypeptide for promoting swine body to generate African swine fever virus antigen specific immune response and application thereof
CN 114317571 A 20220412	Lanzhou Veterinary Res Inst China Agric	China	Preparing virus-type particles useful in e.g. preparing vaccines for preventing and treating viral disease (swine vesicular disease and/or foot and mouth disease)
CN 114306584 A 20220412	Biocatal Biotechnology Beijing Co Ltd	China	The proteinase K is useful in preparation of medicine for inhibiting virus replication or inhibiting virus infection. The virus comprises coronavirus, African swine fever virus and foot-and-mouth disease virus
CN 114317414 A 20220412	China Animal Husbandry Ind Co Ltd	China	New porcine Japanese encephalitis virus antigen useful for producing vaccine
CN 114344456 A 20220415	Lanzhou Veterinary Res Inst China Agric	China	New multigene tandem deoxyribonucleic acid vaccine for preparing African swine fever virus vaccine or medicine comprises deoxyribonucleic acid-sequence encoding or antigen
CN 114292313 A 20220408	Henan Xinghua Biotechnology Co Ltd	China	Antigenic fragment of Pasteurella toxin for preparing nucleic acid, expression vector, host, and for preparing product for preventing and treating porcine atrophic rhinitis
CN 114292339 A 20220408	Univ Huazhong Agric Wuhan Keqian Animal Biological Prod Co	China	Artificially prepared fusion protein in preparing recombinant subunit vaccine for preventing infection of African swine fever virus comprises amino acid sequence

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022119078 A1 20220609	Philiabio Co Ltd	South Korea	Antiviral composition contains powdered Daphne genkwa callus or seedlings, or its extract as active ingredient. The composition is used for applying viruses such as swine flu
US 2022054622 A1 20220224	The Government Of The Us Secretary Of Homeland Security	USA	The methods are useful for producing purified vlps; and for inoculating animal to induce immune response to viral disease, where the viral disease is selected from swine vesicular disease virus, sene-cavirus A, porcine teschovirus
WO 2022090357 A1 20220505	Intervet Int Bv	Netherland	Vaccine in combination non-replicating immunogen of porcine Circovirus type 2
	Intervet Inc	USA	
CN 114409772 A 20220429	Liang R	China	New monoclonal antibody useful in diagnostic reagent in kit for detecting porcine reproductive and respiratory syndrome virus antibody
US 11285120 B2 20220329	Ecoplanet Env Llc	USA	Volatile organic compound formulations having antimicrobial activity.
CN 114316038 A 20220412	Hangzhou Hengao Technology Co Ltd	China	New porcine reproductive and respiratory syndrome virus monoclonal antibody, which specifically binds to PRRSV GP5 protein
CN 114272368 A 20220405	Chengdu Bochong Biotechnology Co Ltd	China	Swine fever and porcine pseudorabies dual vaccine is used in preparation of swine fever and pseudorabies virus medicine or kit, comprises porcine pseudorabies virus gb antigen, where swine fever virus E2 antigen is inserted into replication-deficient chimpanzee adenovirus vector
CN 114276423 A 20220405	Yikang Biological Suzhou Co Ltd	China	S protein mutant of porcine transmissible gastroenteritis virus comprises one or more sites of the amino acid sequence of the S protein of the wild-type porcine transmissible gastroenteritis virus is mutated to proline to block the penetration of protein alpha spiral structure
CN 114317564 A 20220412	Sinopharm Animal Health Corp Ltd	China	New S protein gene, useful for preventing and controlling pdcov, and preparing pdcovvaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114409742 A 20220429	Lanzhou Veterinary Res Inst China Agric	China	New African swine fever virus p49 protein epitope useful in preparing African swine fever virus detection medicine and anti-African swine fever vaccine, where antigenic epitope is a single antigenic epitope or multiple antigenic epitopes
KR 20220061072 A 20220512	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Inactivated mycelium of Actinobacillus pleuropneumoniae strain killed by reacting e.g. Chlorhexidine digluconate solution, useful as e.g. Vaccine composition for preventing and treating porcine pleural pneumonia
JP 2022057767 A 20220411	Yamada Yohojo Honsha Kk	Japan	Agent useful for killing target coronavirus i.e. Porcine epidemic diarrhea virus for preventing coronavirus infection, comprises propolis
CN 114381387 A 20220422	Univ Yangzhou	China	New Lactobacillus salivarius S32 for preparing microbial inoculum, and products for treating intestinal pathogenic bacterial infections, where intestinal pathogens is selected from coliform, Salmonella. The animal product is a livestock and poultry product
WO 2022083600 A1 20220428	Boehringer Ingelheim Vet-medica China Co Ltd	China	Recombinant classical swine fever virus e2 protein
CN 114317574 A 20220412	Univ Yangzhou	China	New recombinant plasmid for preparing Marc-145 cell-adapted type 1 porcine reproductive and respiratory syndrome modified virus in preparation of new genetically engineered vaccines
CN 114426981 A 20220503	Univ Jilin Agric	China	New African swine fever virus antigen protein recombinant expression vector comprises P54, fragment crystallizable, P30 and epithelial glycoprotein gene fragment, where P54 and P30 comprises gene sequences encoding membrane structural proteins involved in host adsorption and internalization
CN 113652405 A 20211116	Huanong Zhaoqing Biological Industry Tech Research Institute Co Ltd	China	Method for preparing psfv-p54 replicon particles for expressing the p54 protein of African swine fever virus and preparing RNA vaccine and African swine fever vaccine
CN 114316034 A 20220412	Lanzhou Veterinary Res Inst China Agric	China	New whole swine-derived African swine fever virus P30 monoclonal antibody for preparing African swine fever diagnostic reagent or African swine fever therapeutic reagent, having amino acid sequence of heavy, and light chain variable region of monoclonal antibody

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022115952 A1 20220609	Antibe Therapeutics Inc	Canada	Method for treating or preventing a viral infection or one or more diseases caused by a viral infection in a subject. The one or more diseases are chosen from coronavirus disease 2019 (COVID-19), severe acute respiratory syndrome (SARS), Middle East respiratory syndrome (MERS), common cold, influenza and African swine fever.
CN 113604441 A 20211105	Wuhan Guanhai Biotechnology Co Ltd	China	Broad-spectrum phage for rapidly cracking livestock and poultry escherichia coli and application
WO 2022065860 A1 20220331	Nat Univ Chungbuk Ind Acad Coop Found	South Korea	Formulation for inhalation, and forming preparation used for preventing or treating coronavirus-related disease such as severe acute respiratory syndrome, middle east respiratory syndrome or coronavirus disease 2019 or influenza virus-related disease such as avian influenza, swine influenza,
WO 2022103837 A1 20220519	Elanco Us Inc	USA	Immunogenic probiotic compositions and methods of use including in vaccination
WO 2022112595 A1 20220602	Bluesky Immunotherapies GmbH	Austria	Novel replication deficient influenza a virus inducing high levels of type i interferon
CN 113797184 A 20211217	Univ South China Agricult	China	Application of Danjie emodin in preparation of medicine for preventing and treating African swine fever virus
CN 114209822 A 20220322	Zhongpao Industry Stock Ltd Company	China	Adjuvant useful in preparing swine Japanese encephalitis inactivated vaccine composition comprises mineral oil for injection, xylitol monolaurate, tripolyglycerol trioleate, alkyl glycoside, and normal-decanol
CN 114292314 A 20220408	Univ Huazhong Agric Wuhan Keqian Animal Biological Prod Co	China	Artificially synthesized flagellin mutant in preparing African swine fever antigen fusion protein, comprises amino acid sequence
CN 113663064 A 20211119	Univ Henan Agricultural	China	Preparation method of ASFV double-gene recombinant PRRSV live vector vaccine for African swine fever virus double-gene recombinant porcine reproductive and respiratory syndrome virus
CN 113683706 A 20211123	Weifang Xiashan Weitai Biological Tech Co Ltd	China	New concatenated fusion recombinant protein LTI-LTII-ST-Cp useful in preparation of piglet diarrhea multi-linked vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113730563 A 20211203	Univ Longyan	China	The H.parasuisadjuvant vaccine is useful for effectively increasing immunoglobulin G (igg) antibody titer of H.parasuis, and numbers of cluster of differentiation 4+ (CD4+) and CD8+ T cell subsets in piglets.
CN 113876930 A 20220104	Beijing Dabeinong Animal Health Tech Co Ltd	China	Compound medicine for preventing and treating porcine reproductive and respiratory syndrome
	Shaoshan Dabeinong Animal Medicine Co Ltd		
	Beijing Dabeinong Tech Group		
CN 114107228 A 20220301	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Construction of attenuated African swine fever virus strain without twelve genes and application of attenuated African swine fever virus strain as vaccine
CN 114230645 A 20220325	Henan Xinhua Biotechnology Co Ltd	China	New protective antigen protein of Pasteurella multocida useful in preparation of vaccine for preventing and/or treating porcine atrophic rhinitis
CN 113813273 A 20211221	Univ Capital Medical Sciences	China	Use of forsythiaside A in preparing anti-coronavirus product for preventing and/or treating infections caused by coronaviruses in human, cat, dog, pig and chicken
CN 114106204 A 20220301	International In Vitro Diagnosis Research Institute Of Chongqing Medical Univ	China	New fusion protein i.e. Recombinant M2e (rm2e)-delta146ply protein useful for preparing vaccine for preventing and/or treating influenza A virus, comprises rm2e protein comprising four general sequences derived from poultry, pigs, and human influenza A viruses and delta-A146PLY protein
WO 2022076977 A1 20220414	Boehringer Ingelheim Animal Health Usa Inc	USA	New polypeptide comprises Circoviridae virus capsid protein linked to heterologous protein or fragment reducing or preventing one or more clinical signs, mortality or fecal shedding caused by an infection with a rotavirus in a piglet
CN 113476431 A 20211008	Peng Xianfeng	China	Application of cyclotriketone derivative in preparation of animal medicine
CN 113956330 A 20220121	Lanzhou Veterinary Res Inst Caas	China	Polypeptides for promoting pig to generate broad-spectrum immune response
CN 114262717 A 20220401	Animal Husbandry And Veterinary Res Institute Of Academy Of Agricultural Sciences In	China	Method for regulating and controlling replication of PCV2 (porcine circovirus 2) in host cell and application

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022079439 A2	Genome Res Ltd	United Kingdom	Trypanosomal vaccine useful for treating trypanosomal infection
CN 113698474 A 20211126	Henan Bioengineering Res Center	China	African swine fever polyclonal antibody and African swine fever antigen detection test strip
CN 113698475 A 20211126	Sinopharm Animal Health Corp Ltd	China	Anti-porcine delta coronavirus N protein monoclonal antibody and colloidal gold rapid detection test strip of porcine delta coronavirus
CN 114107316 A 20220301	Univ Shandong Agriculture	China	Codon-optimized pig lambda3 interferon coding gene and application thereof in preparation of pig lambda3 interferon
CN 114107389 A 20220301	Beijing Inst Of Livestock Veterinary Inst Of Chinese Academy Of Agricultural	China	Recombinant adenovirus for expressing African swine fever virus B602L-B646L protein and construction method thereof
CN 114107108 A 20220301	Zhongpao Industry Stock Ltd Company	China	Escherichia coli capable of producing enterotoxins for piglets and application of escherichia coli
CN 114134097 A 20220304	Yangzhou Wickke Bioengineering Co Ltd	China	Piglet paratyphoid attenuated bacterium fermentation culture, live vaccine and preparation method thereof
CN 113730552 A 20211203	Zhang Yingjie	China	Composition for improving physiological functions of livestock and poultry and preparation method thereof
	Zhang Yonghe		
	Zhengzhou Debang Bioengineering Co Ltd		
	Henan Debang Biotechnology Co Ltd		
CN 114106155 A 20220301	Luoyang Putai Biotechnology Co Ltd	China	Monoclonal antibody of African swine fever virus P22 protein and application thereof
CN 114129721 A 20220304	Jiangsu Acad Agricultural Sci	China	Amphipathic imiquimod grafted gamma-polyglutamic acid lauryl ester and application thereof
CN 114107311 A 20220301	Agricultural Univ In China	China	Target involved in swine transmissible gastroenteritis virus infection and application thereof
CN 114224891 A 20220325	Foshan Science And Tech College	China	Application of clofazimine in preparation of medicine for preventing and treating porcine reproductive and respiratory syndrome and resisting PRRSV (porcine reproductive and respiratory syndrome virus)

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022062789 A1 20220331	Dongguan Pengzhi Biotechnology Co Ltd	China	Antibody and detection reagent kit for influenza b virus
CN 113633751 A 20211112	Wang Nan	China	Medicament for treating foot-and-mouth disease of livestock
CN 113717945 A 20211130	Univ Henan Agricultural	China	Hybridoma cell strain secreting monoclonal antibody resisting African swine fever virus E165R protein, antibody, antigen epitope peptide and application
CN 113736825 A 20211203	Univ Huazhong Agricultural	China	Recombinant drosophila cell line for expressing porcine atypical pestivirus fusion protein as well as preparation method and application of recombinant drosophila cell line
CN 114107229 A 20220301	Jiangsu Nannong High Tech Stock Ltd Company	China	Porcine circovirus 2b type and 2d type bivalent subunit vaccine and preparation method thereof
WO 2022076979 A1 20220414	Boehringer Ingelheim Vetmedica GmbH	USA	Fusion protein useful for vaccination against rotavirus
CN 114075264 A 20220222	Lanzhou Veterinary Res Inst Caas	China	Polypeptide for promoting generation of African swine fever virus antigen specific immune response in swine body and application thereof
CN 114231499 A 20220325	Qingdao Jiishi Biotechnology Co Ltd	China	New Salmonella phage S142 in preparing medicine or feed for treating or preventing salmonellosis, is preserved in China General Microbiological Culture Collection Center
	Shandong Xinhoping 6 And Group Ltd Company		
	New Hope 6 And Stock Ltd Company		
CN 114262381 A 20220401	Univ Yangzhou	China	Recombinant baculovirus with surface displaying African swine fever virus antigen P30 protein, preparation method and application thereof
CN 113817041 A 20211221	Kunming Inst Zoology Cas	China	New tick beta-defensin useful in the preparation of products for preventing and treating African swine fever, reducing the infectivity of African swine fever virus and inhibiting the activity of African swine fever ps273r protease
CN 114107176 A 20220301	Guangdong Academy Of Agricultural Sciences Inst Of Animal Health	China	CHO cell line capable of stably expressing African swine fever CD2v protein as well as construction method and application of CHO cell line

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114099458 A 20220301	Hebei Luyu Pharmaceutical Co Ltd	China	Coating type florfenicol particle used for treating pasteurilla, vibrio, Staphylococcus aureus, Aeromonas hydrophila infection comprises core pill comprising florfenicol, disintegrating agent, and filling agent, coating layer as coating comprising pill and phagostimulant, and anti-blocking agent
CN 114134179 A 20220304	Univ Yangzhou	China	Porcine reproductive and respiratory syndrome chimeric virus for expressing G2 type porcine epidemic diarrhea virus S/S1 and application of porcine reproductive and respiratory syndrome chimeric virus
CN 113786480 A 20211214	Univ Fujian Agriculture & Forestry	China	Application of genes of African swine fever viruses A137R and K205R
CN 114107224 A 20220301	Guangzhou Graret Biotechnology Co Ltd	China	Pig transmissible gastroenteritis virus and application thereof
CN 113740536 A 20211203	China Animal Husbandry Ind Co Ltd	China	African swine fever virus p30 blocking ELISA antibody detection kit and application thereof
CN 114106156 A 20220301	Luoyang Putai Biotechnology Co Ltd	China	Monoclonal antibody of African swine fever virus CP312R protein and application thereof
CN 113876751 A 20220104	Univ South China Agricult	China	Application of hypocrellin B to preparation of medicine for preventing and treating African swine fever
CN 113925873 A 20220114	Guangdong Ruiji Biotechnology Co Ltd	China	Polyiodide preparation as well as preparation method and application thereof
CN 113951937 A 20220121	Inst Of Animal Husbandry Veterinary Jiangxi Academy Of Agricultural Sciences	China	Oral cavity mucus collecting device for swine fever virus polymerase chain reaction (PCR) detection
CN 113861284 A 20211231	Luoyang Putai Biotechnology Co Ltd	China	Monoclonal antibody of porcine pseudorabies virus gd protein and application of monoclonal antibody.
CN 113925961 A 20220114	Wuhan Keqian Biological Co Ltd	China	Preparation method and application of yeast-derived haemophilus parasuis HPS06257 protein subunit vaccine.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113845599 A 20211228	Changchun Yinghuochong Biological Tech Co Ltd	China	Recombinant porcine interferon fusion protein and application thereof
CN 113845575 A 20211228	Univ Shanxi Agricultural	China	New porcine circovirus type 2 capsid protein (Cap) useful in preparation of porcine circovirus type 2 vaccinating agent
CN 113876865 A 20220104	Jiangxi Prozin Pharmaceutical Co Ltd	China	Preventing and treating respiratory diseases of livestock and poultry
	Jiangxi Xintiandi Pharmaceutical Co Ltd		
CN 113975278 A 20220128	Kunming Inst Zoology Cas	China	Application of bromocriptine in preparation of product for treating African swine fever
CN 113912664 A 20220111	Univ Zhejiang	China	Tubeimoside A is useful for preparing vaccines i.e. Swine foot-and-mouth disease inactivated vaccine or swine fever live vaccine, and adjuvant for veterinary vaccine
CN 113969267 A 20220125	Univ China Agricultural	China	Porcine reproductive and respiratory syndrome mutant virus as well as construction method and application thereof
CN 113999314 A 20220201	Jiangsu Malingshan Livestock And Poultry Ecology Breeding Co Ltd	China	Constructing chimeric B cell epitope useful for inducing porcine epidemic diarrhea virus neutralizing antibody, comprises performing sequence synthesis and cloning, subjecting to prokaryotic expression of recombinant protein hbcag-PEDV S1, purifying and identifying recombinant protein by SDS PAGE
	Jiangsu Acad Agricultural Sci		
WO 2022080576 A1 20220421	Kim Hong Yeoul	South Korea	Composition comprising pmca inhibitor for treatment of coronavirus infection or infectious diseases
	Zollo Massimo	Italy	
CN 113755513 A 20211207	Univ Tianjin	China	Preparation and application of virus-like particle based on African swine fever virus P30 and P72 proteins
WO 2022056398 A1 20220317	Univ Georgia	USA	Compositions and methods of use thereof for prevention and treatment of influenza infections
	Us Agriculture	USA	
CN 113912690 A 20220111	Kunming Inst Zoology Cas	China	New tick defensin OPTX-1 useful in preparing a product for preventing and treating African swine fever by inhibiting activity of African swine fever ps273r protease, and reducing infection ability of African swine fever virus

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113975383 A 20220128	Guangdong Yuyue Biotechnology Co Ltd	China	Rhodococcus ruber immunopotentiator and application thereof in vaccine for pigs
	Guangzhou Keli Biotechnology Co Ltd		
CN 114014916 A 20220208	Univ Nanjing Agricultural	China	Porcine circovirus type 3 Cap recombinant protein, coding gene thereof and application of porcine circovirus type 3 Cap recombinant protein in ELISA antibody detection
CN 114028545 A 20220211	Kunming Inst Zoology Cas	China	New LL-37-DNA complex useful in preparation of medicine for providing antiviral infection, and in preparation of reagent for inhibiting replication of virus e.g. Herpes simplex virus-1 virus, hepatitis B virus and African swine fever virus
CN 114099661 A 20220301	Guangzhou South China Medical Res Center	China	Application of replicative human type 3 adenovirus as expression vector in preparation of vaccine for pigs
CN 114163505 A 20220311	Tiankang Pharmacy Suzhou Ltd Company	China	Swine fever and porcine pseudorabies virus bivalent subunit vaccine and preparation method thereof
CN 113956351 A 20220121	Shandong Binzhou Animal Science & Veterinary Medicine Acad	China	Nano-antibody and bivalent neutralizing nano-antibody for resisting porcine circovirus type 2 Cap protein and application thereof
CN 114028454 A 20220211	Guizhou Inst Of Animal Husbandry And Veterinary	China	Self-simulated traditional Chinese medicine compound and in-vitro bacteriostatic application thereof to escherichia coli and salmonella
CN 114028557 A 20220211	Nanjing Guochuang Biotechnology Res Institute Co Ltd	China	The oil-in-water veterinary vaccine adjuvant has high stability and efficiency, low viscosity, no side reaction and is cost-effective.
	Jiangsu Acad Agricultural Sci		
WO 2022091065 A1 20220505	Imdpharm Inc	South Korea	Novel cocrystal, pharmaceutical composition comprising same, and preparation method therefor
CN 113855693 A 20211231	Lanzhou Veterinary Res Inst Caas	China	New 3-deazaadenosine useful for amplifying Porcine epidemic diarrhea virus and porcine transmissible gastroenteritis diarrhea virus
WO 2022057573 A1 20220324	Dongguan Pengzhi Biotechnology Co Ltd	China	New anti-influenza A virus antibody or its functional fragment comprises heavy chain and light chain complementarity determining regions useful in detecting or diagnosing influenza A virus in subject

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113929746 A 20220114	Lanzhou Veterinary Res Inst Caas	China	New polypeptide useful for promoting production of broad-spectrum immune response in pig body, or promoting production of antigen-specific immune response of African swine fever virus in pig, has specific amino acid sequence
CN 114031684 A 20220211	Chongqing Shenjin Biological Engineering Res Institute Co Ltd	China	Porcine diarrhea associated virus tandem epitope protein induced egg yolk antibody and application thereof
CN 114045250 A 20220215	Zhejiang Hongsheng Biotechnology Co Ltd	China	Preparation method and application of mycoplasma hyopneumoniae and porcine circovirus type 2 bivalent genetic engineering live vaccine
	Univ Zhejiang Science & Tech		
CN 114081884 A 20220225	Univ Shanxi Agricultural	China	Application of sanguinarine in inhibiting porcine circovirus infection
CN 113694060 A 20211126	Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Application of nitrothiazole derivative and hydrochloride and sulfate thereof in preparation of medicine for treating intestinal infection of livestock
CN 113845568 A 20211228	Lanzhou Veterinary Res Inst Caas	China	Polypeptides for promoting pig bodies to generate broad-spectrum acquired immune response and application of polypeptides
CN 113855793 A 20211231	Univ Southwest	China	Application of bovine-derived A-type pasteurilla multocida gene deletion strain
CN 113985030 A 20220128	Chongqing Animal Disease Prevention And Control Center	China	Immunocolloidal gold test paper useful for rapidly detecting porcine pseudorabies antibodies
	Univ Chongqing Technology		
CN 114028551 A 20220211	Shandong Binzhou Wohua Biotech Co Ltd	China	Heat-resistant protective agent for swine fever live vaccine, and preparation method and application thereof
CN 113730392 A 20211203	South China Botanical Garden Cas	China	Use of rhodomyrtus tomentosa ketone compound in preparing antiviral veterinary drugs
CN 113929775 A 20220114	Sinopharm Animal Health Corp Ltd	China	Egg yolk antibody for preventing and/or treating porcine diarrhea, preparation and preparation method thereof
CN 113999237 A 20220201	Risen Suzhou Medicine Tech Co Ltd	China	Nucleoside prodrug and application thereof
CN 113913462 A 20220111	Inst Animal Sciences Caas	China	Recombinant adenovirus for expressing African swine fever virus EP153R protein and construction method thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022073066 A1 20220414	Macfarlane Burnet Institute For Medical Res And Public Health Limited	Australia	Methods and compositions based on longitudinal studies
CN 113980983 A 20220128	Chengdu Sg Biotech Co Ltd	China	New truncated swine fever virus E2 gene useful for preparing truncated E2 protein useful in preparation of swine fever virus antibody detection reagent or swine fever virus subunit vaccine
CN 114163521 A 20220311	Guangdong Haida Group Stock Ltd Company	China	Monoclonal antibody for identifying classical swine fever virus 2.1 subtype virulent strain and antibody thereof
	Guangdong Haida Animal Husbandry And Veterinary Res Institute Limited Company		
CN 113943376 A 20220118	Univ Jilin Agricultural	China	Fusion gene, encoding protein thereof and application of fusion gene in resisting African swine fever
US 2022112276 A1 20220414	Janssen Biotech Inc	USA	Single domain antibody that binds to extracellular domain of polymeric immunoglobulin receptor (pigr); where single domain antibody binds to extracellular domain 1 of pigr
US 2022117936 A1 20220421	Pd Biomedical Co Ltd	Taiwan	Method for screening a modulator of a viral infection, where the virus is coronavirus selected from severe acute respiratory syndrome coronavirus (SARS-cov), middle east respiratory syndrome coronavirus (MFRS-cov), SARS-cov-2, mouse hepatitis virus (MHV), porcine epidemic diarrhea virus (PEDV), and its variant
CN 113913465 A 20220111	Zhejiang Hongsheng Biotechnology Co Ltd	China	Preparation method and application of Mycoplasma Pneumoniae of Swine (MPS) genetic engineering subunit vaccine carrying swine GMCSF molecular adjuvant
	Univ Zhejiang Science & Tech		
CN 113952397 A 20220121	Jiangxi Prozin Pharmaceutical Co Ltd	China	Medicine preparation for preventing and treating mixed infection of livestock and poultry and preparation method thereof
	Jiangxi Xintiandi Pharmaceutical Co Ltd		
CN 114053279 A 20220218	Univ Sun Yat Sen	China	Application of rifampicin in preparation of medicine for treating porcine reproductive and respiratory syndrome

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114058646 A 20220218	Wuhan Keqian Biological Co Ltd	China	New vector expressing Porcine circovirus 2 d (PCV2d) capsid (cap) protein comprising backbone vector and PCV2d cap protein coding genes inserted into multiple cloning site downstream of promoter P10, used for preparing antigen, antibody, or subunit vaccine of PCV2d
CN 114053404 A 20220218	Heilongjiang Linggang Biological Tech Co Ltd	China	Livestock biological immune preparation and preparation method thereof
CN 114053266 A 20220218	Univ Foshan	China	Application of mycophenolic acid in preparation of medicine for preventing and treating porcine reproductive and respiratory syndrome (PRRS) and resisting PRRSV
WO 2022084916 A1 20220428	Rhea Genetics Pte Ltd	Singapore	Compounds for use in treating coronavirus infection and african swine fever virus infection
WO 2022071718 A1 20220407	Optipharm Co Ltd	South Korea	Novel bacteriophage opt-sc01 specific to staphylococcus bacteria and antibacterial composition comprising same
CN 114058642 A 20220218	Inst Animal Sciences Caas	China	Recombinant adenovirus for expressing African swine fever virus EP153R-EP402R protein and construction method of recombinant adenovirus
CN 114057868 A 20220218	Luoyang Putai Biotechnology Co Ltd	China	Porcine delta coronavirus antibody, kit containing porcine delta coronavirus antibody and application
CN 114057892 A 20220218	Changsha Axybio Bio Tech Co Ltd	China	New Actinobacillus pleuropneumoniae fusion protein useful in preparation of vaccinating agent or medicine for porcine contagious pleuropneumonia
CN 114177176 A 20220315	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Application of compound cyproheptadine hydrochloride in preparation of medicine for preventing or treating African swine fever
CN 113956353 A 20220121	Lanzhou Veterinary Res Inst Caas	China	New anti-porcine acute diarrhea syndrome coronavirus N protein monoclonal antibody in preparing medicine to treat porcine acute diarrhea syndrome coronavirus infection
	Inst Of Urban Agriculture Chinese Academy Of Agricultural Sciences		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114305349 A 20220412	Univ Tianjin Sichuan Innovation Res Inst	China	Method for detecting temperature of pig by using temperature-sensing color-changing ear tag during swine fever epidemic, involves outputting temperature value of current picture in color changing area, and obtaining temperature of pig with current ear tag
WO 2022067052 A1 20220331	Elanco Us Inc	USA	Composition used to treat infection e.g. Salmonella typhimurium, and Escherichia coli, comprises first isolated Bacillus amyloliquefaciens strain, and/or second isolated Bacillus amyloliquefaciens strain
CN 114230677 A 20220325	Beijing Zhonghai Biotechnology Co Ltd	China	New protein useful for preparing product or vaccine for preventing of Classical swine fever
CN 113999317 A 20220201	Univ Jilin Agricultural	China	Fusion gene for stimulating organism to resist African swine fever infection as well as encoding protein and application of fusion gene
JP 7079901 B1 20220602	Vaxosome Gk	Japan	Producing extracellular particles used as porcine infectious disease vaccine, by infecting porcine epithelial or lung cells with porcine reproductive and respiratory syndrome virus
KR 102402794 B1 20220526	Korea Arboreta And Gardens Inst	South Korea	Antiviral composition useful as e.g. Food for preventing swine influenza infection by inhibiting activity and proliferation of influenza A virus

VT Avicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022109317 A1 20220527	Vir Biotechnology Inc	USA	Combination used to treat influenza infection comprises antibody capable of binding to influenza A virus hemagglutinin (HA), polynucleotide encoding anti-HA antibody or polynucleotide encoding anti-neuraminidase antibody
	Humabs Biomed Sa	China	
BR 102020015401 A2 20220315	Ipt Inst De Pesquisas Tecnologicas Do Est S Paulo S/A	Brazil	The micellar nanocarrier is useful as a veterinary product or controlled release system for encapsulation and controlled release of high molecular weight protein biomolecules such as antigens, antibodies and immunocomplexes in immunization area against infectious bursal disease virus (all claimed) and treating veterinary pathologies
	Laboratorio Bio Vet Ltda		
WO 2022101307 A1 20220519	Intervet Int Bv	Netherland	New recombinant vector encoding chimeric coronavirus spike protein comprises spike protein, and transmembrane domain, used to protect mammal from infection by severe acute respiratory syndrome coronavirus 2
	Intervet Inc	USA	
CN 114369580 A 20220419	(Beij-N) Beijing Huadu Shihua Biological Prod Co (Zhej-N) Zhejiang Ceva Ebvac Biotech Co Ltd	China	New recombinant turkey herpes virus useful in vaccination of poultry, preferably chickens, comprises inserted into first insertion site of viral genome, and nucleotide sequence encoding hemagglutinin protein having specific amino acids

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KR 20220075555 A 20220608	Univ Chonbuk Nat Ind Coop Found	South Korea	Vaccine composition containing inactivated <i>Salmonella Gallinarum</i> cells by the culture medium containing plantaricin of <i>Lactobacillus plantarum</i> for preventing or treating Fowl Typhoid
CN 114304380 A 20220412	Hefei Hechuan Biomedical Technology Co	China	Use of <i>Clostridium perfringens</i> for improving feed intake of animal, for improving and increasing feed intake and daily weight gain of animal, for reducing diarrhea rate and mortality of animal, and for reducing white-spotted egg and dark-spotted egg of laying hens for non-therapeutic purpose
CN 113786404 A 20211214	Shandong Linghai Bio Tech Co Ltd	China	Application of bromophenol-pyrazoline compounds in treatment of avian coronavirus diseases
KR 20220034427 A 20220318	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	New polypeptide comprising amino acids as epitope of interferon-induced transmembrane protein 3, useful in monoclonal antibody and antigen-binding fragment for diagnosing avian influenza virus infection
	Yntoab Co Ltd		
KR 20220041643 A 20220401	Univ Industry Cooperation Group Kyung Hee Univ	South Korea	New virus-like particles comprising influenza virus matrix protein 1, hemagglutinin protein, and neuraminidase (NA) i.e. NA-1, NA-6 and NA-8, useful in vaccine composition for inducing immune response against avian influenza
	Myongji Univ Industry And Academia Cooperation Foundation	South Korea	
WO 2022049276 A1 20220310	Intervet Int Bv	Netherlands	New recombinant vector capable of expressing recombinant influenza virus haemagglutinin stem polypeptide in a target, where polypeptide comprises headless influenza virus HA stem domain, trimerization domain, and transmembrane domain
	Intervet Inc		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 2022061069 A 20220512	Univ Industry Cooperation Group Kyung Hee Univ	South Korea	Composition used to prepare avian influenza vaccine for preventing and treating influenza infection, comprises nucleic acid sequence encoding m2e, and expression vector for preparing virus-like particles comprising nucleic acid encoding M1
CN 114292823 A 20220408	Univ Henan Agric	China	New recombinant lasota vaccine strain carrying genotype VII Newcastle disease virus F and HN genes useful in preparing vaccine of preventing epidemic disease caused by genotype VII NDV, obtained by e.g. Replacing HN and F genes of lasota vaccine strain with HN gene of genotype VII NDV and F gene
CN 114292824 A 20220408	Univ Henan Agric	China	New recombinant chimeric variant strain VP2 gene useful in preparation of multilinked vaccine, diagnostic reagent and medicine for preventing and treating infectious bursal disease virus variant strain and gene VII Newcastle disease virus
CN 114392347 A 20220426	Henan Sci & Technology Inst	China	Use of avian-derived chemokine CCL19 or its encoding gene, or a biological material containing its encoding gene for preparing antiviral products, where virus is infectious bursal disease virus or Newcastle disease virus and product is drug for preventing and/or treating viruses
CN 114410594 A 20220429	Harbin Veterinary Res Inst Caas	China	New chicken infectious bronchitis virus useful in establishing an animal model for evaluating cell metabolism, transcription and immunity after the infectious chicken infectious bronchitis virus infects cells, and preparing medicine for preventing chicken infectious bronchitis

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114381387 A 20220422	Univ Yangzhou	China	New Lactobacillus salivarius S32 for preparing microbial inoculum, and products for treating intestinal pathogenic bacterial infections, where intestinal pathogens is selected from coliform, Salmonella, Staphylococcus aureus, Shigella or Listeria, preferably Salmonella is Dellpis bacteria 14T
WO 2022090696 A1 20220505	The Pirbright Inst	United Kingdom	Engineered protein used e.g. For treating disease caused by any pathogens e.g. Viruses, bacteria or parasite, comprises binding domain capable of binding to cell surface protein on avian antigen presenting cell, and antigenic polypeptide, or binding domain capable of binding to antigenic polypeptide
WO 2022120172 A2 20220609	Univ Florida	USA	Protective immunity enhanced attenuated salmonella vaccine (piesv) vector systems
KR 20220028743 A 20220308	Univ Wonkwang Ct Ind Acad Coop	South Korea	A - Rapid diagnostic kit using monoclonal antibody for detecting influenza A virus and polydopamine-melanin nanoparticle
	Korea Advanced Inst Sci & Tech	South Korea	
WO 2022056897 A1 20220324	Shanghai Public Health Clinical Ct	China	Use of interleukin 37 and interferon in combination in the treatment of viral infections
CN 113604441 A 20211105	Wuhan Guanhai Biotechnology Co Ltd	China	Broad-spectrum phage for rapidly cracking livestock and poultry escherichia coli and application
WO 2022065860 A1 20220331	Nat Univ Chungbuk Ind Acad Coop Found	South Korea	Formulation used for inhalation, and preventing or treating coronavirus-related disease such as severe acute respiratory syndrome or influenza virus-related disease e.g. Avian influenza, swine influenza, flu, cold, sore throat, bronchitis or pneumonia, comprises nafamostat, camostat or their salt

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114107171 A 20220301	Gangdong Hua Biotechnology Co Ltd	China	New goose retinal epithelial cell line, preferably goose retinal epithelial cell GREC useful in preparation of product for e.g. Culturing poultry virus and separating poultry virus, and detecting avian virus and poultry virus
WO 2022051327 A1 20220310	St Jude Childrens Res Hospital Inc	USA	New modified nucleic acid molecule used in production of influenza virus vaccine for protecting against viral infection, comprises specific mutation at specific position of codon of hemagglutinin
CN 113813271 A 20211221	Univ Capital Medical Sciences	China	Application of forsythiaside F in preparation of anti-coronavirus products. The forsythoside F is useful in preparation of anti-coronavirus product and medicine for preventing and/or treating infections caused by coronaviruses in subject, such as human, cat, dog, pig or chicken
CN 114107226 A 20220301	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	New recombinant serum 4 type avian adenovirus (fadv-4) vaccine strain useful in preparation of medicine for preventing and/or treating pericardial effusion-hepatitis syndrome (HHS) and infectious bursal disease in chickens caused by fadv-4 infection
CN 113813273 A 20211221	Univ Capital Medical Sciences	China	Use of forsythiaside A in preparing anti-coronavirus product for preventing and/or treating infections caused by coronaviruses in human, cat, dog, pig and chicken
WO 2022094864 A1 20220512	Shenzhen Inst Of Adv Tech Cas	China	Method for constructing strictly anaerobic salmonella, constructed strictly anaerobic salmonella and application thereof
CN 113476431 A 20211008	Peng Xianfeng	China	Use of 3,5-dihydroxy-2,6,6-tris-(3-methyl-butyl)-4-propionyl-cyclohexa-2,4-dienone derivative compound or their tautomer, solvate or salt for preparing animal medicine for treating animal bacterial infectious diseases including animal intestinal infection and birth canal infection

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113712958 A 20211130	Univ Jilin	China	Medical use of galangin in treatment of chicken necrotizing enteritis caused by Clostridium perfringens
CN 113813264 A 20211221	Univ Capital Medical Sciences	China	Use of celastrol in preparing anti-coronavirus products, and in medicine composition for preventing and treating infections caused by coronavirus and new coronavirus for humans, cats, dogs, pigs and chicken
CN 113827714 A 20211224	Univ South China Agricult	China	New vaccine composition useful for preparing product for preventing and treating avian influenza, comprises recombinant chimeric protein HMN and H7N9 subtype avian influenza virus-like particles
WO 2022079160 A2 20220421	Ceva Sante Animale	France	New recombinant herpes virus of turkeys comprising nucleotide sequence encoding F protein of new-castle disease virus and hemagglutinin protein of subtype H9 avian influenza virus, used for vaccinating avian e.g. Poultry
CN 114395052 A 20220426	Beijing Zhonghai Biotech Co Ltd	China	New recombinant fusion protein used for preventing or treating influenza virus infection e.g. Avian influenza virus H5N1 subtype, H7N9 subtype and H9N2 subtype infection, comprises hemagglutinin and M2-neuraminidase fusion proteins
CN 113813373 A 20211221	Lanzhou Inst Husbandry & Pharmaceutical Sciences Caas	China	The pharmaceutical composition is useful for repairing intestinal mucosal damage, promoting immune function of intestinal mucosa (claimed) and development of intestinal tissue, treating hemorrhagic diarrhea caused by mixed infection of chicken coccidiosis and secondary colibacillosis
CN 114107247 A 20220301	Univ Jiangxi Agricultural	China	New Chicken RIPK3 gene polyclonal antibody useful in preparing kit for detecting expression level of RIPK3 in chicken tissue and product including detection reagent, detection kit or medicine for detecting renal infectious bronchitis virus infection and other viral infectious disease

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114231503 A 20220325	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	New chicken infectious bursal disease virus hypervirulent (vvibdv) VP2 protein expressing recombinant serotype 4 avian adenovirus (fadv-4) vaccine strain, used in preparation of vaccine for prevention of serotype 4 avian adenovirus infection-induced pericardial effusion-hepatitis syndrome
CN 113730552 A 20211203	Zhang Yonghe	China	Composition useful for e.g. Improving physiological function of livestock and poultry
	Zhengzhou Debang Bio-engineering Co Ltd		
	Henan Debang Biotechnology Co Ltd		
	Japan As Represented By Director General Of Nat Institute Of Infectious Diseases	Japan	
CN 113786413 A 20211214	Hubei Shaner Agricultural Dev Co Ltd	China	Chaenomeles speciosa polysaccharide and H7N9 avian influenza inactivated vaccine in preparing medicine for resisting influenza virus i.e. Avian influenza virus to reduce death of virus-infected chicken
CN 114134124 A 20220304	Univ Yangzhou	China	New Recombinant turkey herpes virus comprising exogenous gene in spacer region between HVT005 region and HVT006 region of turkey herpesvirus genome useful in preparing vaccine for preventing avian influenza and/or chicken Newcastle disease and/or avian infectious bursal disease
CN 114262694 A 20220401	Military Science Inst Mil- itary Medicine Inst And Military Veterinary Inst	China	Novel coronavirus vaccine candidate strain taking influenza B virus as vector as well as construction method and application of novel coronavirus vaccine candidate strain
WO 2022094867 A1 20220512	Shenzhen Inst Adv Tech	China	Construction for pp2 obligate anaerobic salmonella strain and application of same in tumor treatment
WO 2022051866 A1 20220317	Univ British Columbia	Canada	Vaccine for treating, protecting against and preventing COVID-19 and influenza, comprises first fusion protein comprising first targeting domain and coronavirus spike protein or fragment

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114231499 A 20220325	Qingdao Jiishi Biotechnology Co Ltd	China	New Salmonella phage S142 in preparing medicine or feed for treating or preventing salmonellosis, is preserved in China General Microbiological Culture Collection Center
	Shandong Xinhoping 6 And Group Ltd Company		
	New Hope 6 And Stock Ltd Company		
WO 2022072975 A1 20220407	Univ Georgia	USA	New substituted alkyl compounds are papain protease inhibitors used to reduce severity of symptom of coronavirus reducing the severity of at least one symptom of a coronavirus in a subject, where the subject is mammal or a bird
WO 2022104031 A2 20220519	Diversey Inc	USA	Synergistic antimicrobial composition used to reduce microbial contaminants e.g. Salmonella enterica and Salmonella typhimurium during poultry processing, comprises peroxy-carboxylic acid, carboxylic acid, anionic surfactant, and water
CN 113786484 A 20211214	Univ Nanjing Medical	China	Medicinal composition useful for preventing and/or treating H5N1 type avian influenza virus, comprises pcag-single-chain variable fragment (scfv) 1A2-green fluorescent protein (GFP) and immunoglobulin (Ig) G1
CN 113813272 A 20211221	Univ Capital Medical Sciences	China	Application of forsythiaside H in preparation of anti-coronavirus products. Is useful in preparing anti-coronavirus product for preventing/treating infections caused by coronavirus in human, cat, dog, pig and chicken
US 11319382 B1 20220503	Univ King Abdulaziz	USA	Producing immunoglobulin Y antibodies for inhibiting or treating Middle Eastern respiratory syndrome coronavirus (MERS-cov) infection in camel and human, involves immunizing chicken hens with peptide having immunogenic domain of spike protein from MERS-cov and isolating antibodies from egg yolks
CN 114214291 A 20220322	Univ Henan Agricultural	China	New recombinant virus of avian adenovirus serotype 4 expressing avian adenovirus serotype 8b spike protein useful in preparation of vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2022090024 A1 20220324	Univ Georgia	USA	Vaccine for birds of the order Galliformes comprising heat attenuated IBV isolate PDRC DMV/1639 deposited at the ATCC under Patent Designation PTA-12657, or progeny or derivative, sufficient to protect the birds from at least one one clinical signs induced by an infectious bronchitis virus (IBV) infection in poultry
KR 20220033568 A 20220317	Jeollanamdo	South Korea	Composition for enhancing immunity of chicken Newcastle disease vaccine
WO 2022094865 A1 20220512	Shenzhen Inst Of Adv Tech Cas	China	"Autolytic" salmonella strain, preparation method therefor and application thereof in tumor treatment
CN 114213532 A 20220322	Univ Northeast Agricultural	China	Multiple single-chain variable fragment antibodies useful e.g. For detection of infectious bursal disease virus of chickens, auxiliary identification of chicken infectious bursal disease virus comprises heavy chain variable region, light chain variable region and connecting region between them
CN 114107227 A 20220301	Yangzhou Youbang Biopharmaceutical Co Ltd	China	Recombinant turkey herpes virus in preparing infectious bursal disease virus vaccine, where recombinant turkey herpes virus simultaneously expresses virus protein 2 gene expression cassettes of classic strain and variant strain of infectious bursal virus
CN 114129354 A 20220304	Shenzhen Zaljiang Biotechnology Co Ltd	China	Mobile sampling device for mobile virus detection in influenza, avian influenza, coronavirus, hand-foot-and-mouth disease virus, mycoplasma and Chlamydia sampling.
	Cai Kun		
CN 114181858 A 20220315	Shenyang Fengmi Biotechnology Co Ltd	China	New Bacillus natto strain FMN-1 useful for producing high enzyme active protease and in feed additive used in poultry compound feed for preventing and/or treating necrotic enteritis of poultry

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113881617 A 20220104	Univ Jilin Agricultural	China	New recombinant Lactobacillus plantarum comprising HA1-dcpep fusion gene is used for preparing vaccine or medicine, medicinal composition, medicinal preparation or microbial inoculum or feed for treating H7N9 avian influenza; activating body's immune cells
CN 114014857 A 20220208	Hunan Nucien Pharmaceutical Co Ltd	China	New condensed polycyclic pyridone derivative is cap-dependent endonuclease inhibitor, useful in preparing medicine for preventing, alleviating and treating influenza virus infection i.e. Influenza A virus, influenza B virus, influenza C virus, H5N1 avian influenza virus, H7N9 avian influenza virus
	Guangzhou Nanxin Pharmaceutical Co Ltd		
CN 113995722 A 20220201	Sichuan Oubang Biotechnology Co Ltd	China	The soluble powder: improves the stability of spectinomycin hydrochloride in aqueous solution; ensures the quality and efficacy of the product, and the good quality and efficacy of products for veterinary clinical treatment of livestock and poultry bacterial, mycoplasma and other infections
CN 113876865 A 20220104	Jiangxi Xintiandi Pharmaceutical Co Ltd	China	Fermentation composition useful in the preparation of feed additives for preventing and treating respiratory diseases of livestock and poultry
CN A 20220125	Luoyang Saiwei Bio Tech Co Ltd	China	Immunopotentiator useful in preparation of medicine for preventing and/or treating disease in poultry
CN 113999318 A 20220201	Changchun Yinghuochong Biological Tech Co Ltd	China	Recombinant chicken IFN fusion protein for use in antiviral drugs, comprises chicken IFN and ricin B chain truncated peptide, where protein is prepared by constructing mchifnal-pha/RTBD1 fusion gene cloning vector

Nº de Publicación	Solicitante	País de origen	Contenido técnico
BE 1028701 A1 20220510	Poulpharm Bvba	Belgium	Preparing autogenous combination vaccine useful for immunizing poultry and vaccinating poultry in study for evaluating safety and immunogenicity by isolating, characterizing, culturing and inactivating multiple pathogens comprising bacteria and viruses that cause pathogenicity in same organ system
CN 114009594 A 20220208	Univ Henan Science & Tech	China	Anti-coccidiosis medicine useful in preparation of anticoccidiosis feed or feed additive for livestock and poultry comprises 2-pentadecenyl-6-hydroxybenzoic acid as effective component
WO 2022056398 A1 20220317	Univ Georgia	USA	Compositions and methods of use thereof for prevention and treatment of influenza infections
	Us Agriculture	USA	
US 2022125859 A1 20220428	Zivo Bioscience Inc	USA	Composition used for treatment of disease in poultry, where disease is selected from parasitic disease, Coccidiosis, bacterial disease or necrotic enteritis
WO 2022084978 A1 20220428	Inst Of Bioresources And Sustainable Development	India	Preparing peptide used as antimicrobial agent against animal, and poultry
US 2022072088 A1 20220310	Univ California	USA	Medicament for preventing or treating disease associated with Clostridium perfringens infection or infection by other pathogenic clostridia, comprises Agr-like quorum sensing (QS) system inhibitor of C. Perfringens and carrier F150
	Univ Pittsburgh Commonwealth Sys Higher Education	USA	
WO 2022086014 A1 20220428	Univ Konkuk Ind Coop Corp	South Korea	System for early detection of infectious diseases in poultry
CN 114014927 A 20220208	Univ Northeast Agricultural	China	New heavy chain high-affinity antibody against Infectious Bursal Virus useful for preventing and treating chicken infectious bursal disease

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114028454 A 20220211	Guizhou Inst Of Animal Husbandry And Veterinary	China	Self-simulating traditional Chinese medicinal compound for inhibiting and killing Escherichia coli and Salmonella and inhibiting animal diarrhea, comprises Forsythia, dandelion, Prunella vulgaris, Terminalia, and pomegranate peel
CN 114045298 A 20220215	Wuhan Keqian Biological Co Ltd	China	New recombinant expression vector useful in immunogenic composition and in preparation of medicine for preventing and/or treating chicken Mycoplasma infection, comprises target gene fragment
WO 2022083729 A1 20220428	Univ Hong Kong	China	Antiviral agent used to treat viral infection e.g. Zika virus, Ebola virus and influenza virus comprises multivalent peptide including three copies of peptides that contains defensin-like peptide (P9R) and P9R-like peptides derived from P9R
CN 114042167 A 20220215	Shandong Binzhou Bolaiwei Biotech Co Ltd	China	Heat-resistant protective agent useful in chicken Newcastle disease, infectious bronchitis dual live vaccine, prepared by mixing A liquid and B liquid
WO 2022086854 A1 20220428	Camas Incorporated	USA	Reducing prevalence of infectious disease caused by microbial organism by administering inoculum to female, egg laying birds on egg farms, collecting eggs laid by inoculated female birds on egg farms, and providing egg products
CN 114028554 A 20220211	Guangzhou Keli Biotechnology Co Ltd	China	Immunopotentiator useful in preparation of inactivated vaccinating agent for poultry oil emulsion, comprises culture of red Rhodococcus
CN 114073716 A 20220222	Univ Jilin	China	Use of Monascus purpureus in preparing medicine for resisting coccidiosis in chickens
CN 113698476 A 20211126	Ningyang Zhenghe Biological Breeding Co Ltd	China	Preparation method of duck liver positive serum

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113694060 A 20211126	Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Use of nitrothiazole derivative in preparing medicines for treating livestock intestinal infections including infections caused by Escherichia coli and/or Salmonella, ileitis caused by Lawsonia, and infections caused by drug-resistant Clostridium welchii
CN 113855793 A 20211231	Univ Southwest	China	Use of gene deletion strain for cattle source A type Pasteurella multocida gene, where gene deletion strain based on cattle source A type Pasteurella multocida is cross protection of animal to different serotypes and Pasteurella multocida infection of different animal sources
CN 113730392 A 20211203	South China Botanical Garden Cas	China	Use of rhodomyrtus tomentosa ketone compound in preparing antiviral veterinary drugs
CN 114031674 A 20220211	Univ South China Agricult	China	New H7N9 avian influenza virus HA protein with enhanced thermostability useful for stimulating body for producing higher levels of HI antibodies faster
WO 2022087509 A1 20220428	Ology Bioservices Inc	USA	Method for infecting cells with virus
CN 114058597 A 20220218	Zhong Liping	China	New recombinant Newcastle disease oncolytic virus (NDV) useful in construction of recombinant NDV for preventing and/or treating NDV, comprises recombinant NDV-enhanced green fluorescent protein plasmid (EPGPF) plasmid
CN 114053295 A 20220218	Jireh Material Tech Ltd	China	The chitosan or its derivative is useful in preparing antiviral or antimicrobial agent (in the form of solution) for treating or preventing coronavirus, envelope virus, non-envelope virus or infection or disease or coronavirus, Newcastle disease virus, infection or disease caused by infectious bursal disease virus or avian influenza virus and treating or preventing infection or disease caused by protozoa (e.g. Coccidia)

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114058634 A 20220218	Wuhan Keqian Biological Co Ltd	China	New recombinant expression vector useful in preparation of medicine for e.g. Preventing and/or treating chicken Mycoplasma synoviae infection, comprises target gene fragment i.e. Chicken Mycoplasma synoviae EF-TU protein coding gene
WO 2022045792 A1 20220303	Univ Wonkwang Ct Ind Acad Coop	South Korea	New monoclonal antibody that specifically binds to hemagglutinin of highly pathogenic avian influenza virus H5 subtype, useful in kit for detecting highly pathogenic avian influenza virus H5 subtype, preferably H5N6 or H5N8
WO 2022067052 A1 20220331	Elanco Us Inc	USA	Probiotic composition used to treat infection e.g. Salmonella typhimurium, and Escherichia coli, comprises first isolated Bacillus amyloliquefaciens strain, and/or second isolated Bacillus amyloliquefaciens strain, and carrier
BE 1028700 A1 20220510	Poulpharm Bvba	Belgium	Testing anti-coccidial agent in poultry, by providing anti-coccidial agent to poultry test group, inoculating poultry test group with oocyst, determining infection rate in poultry test group, and comparing infection rate in poultry test group with inoculated poultry group
CN 113699150 A 20211126	Shandong Binzhou Animal Science & Veterinary Medicine Acad	China	Sirna and expression vector for knocking down the PKR gene for use in production of drugs for the prevention and treatment of Newcastle disease virus (NDV), porcine reproductive and respiratory syndrome virus (PRRSV) or porcine pseudorabies virus (PRV)
WO 2022094238 A2 20220505	Flagship Pioneering Innovations V Inc	USA	Chicken anemia virus (cav)-based vectors
CN 113699123 A 20211126	Dandan Biotechnology Shanghai Co Ltd	China	Recombinant virus useful in e.g. Melting physical barrier of tumour and preparation of vaccine for prevention and treatment of Newcastle disease virus comprises recombinant newcastle disease virus-GHF plasmid

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113897376 A 20220107	China Animal Health And Epidemiology Center	China	New gene fragment for replacing corresponding part of lasota strain genome with envelope glycoprotein F protein gene fragment and the HN protein gene fragment containing the attenuated gene VII.2 subtype NDV useful for constructing genotype VII Newcastle disease virus recombinant vaccine strain
WO 2022094867 A1 20220512	Shenzhen Inst Adv Tech	China	Construction for pp2 obligate anaerobic salmonella strain and application of same in tumor treatment
WO 2022090877 A1 20220505	Arjuna Natural Private Ltd	India	Composition of diarylheptanoid compounds forming metal complex used with other active components for e.g. Preventing coccidia infection in birds and hypocalcaemia in humans and animals
WO 2022109317 A1 20220527	Vir Biotechnology Inc	USA	The recombinant fusion protein or bio-material is useful for preparing vaccine or product for preventing and/or treating influenza virus infection (all claimed), preferably Avian influenza virus H5N1 subtype, H7N9 subtype, and H9N2 subtype infection
	Humabs Biomed Sa	China	

VT Acuicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114380893 A 20220422	Univ Jimei	China	Antibacterial peptide EC for curing <i>Litopenaeus vannamei</i> , for resisting bacteria, such as inhibiting <i>Vibrio parahaemolyticus</i> and <i>Escherichia coli</i> , where bacteria are <i>Vibrio parahaemolyticus</i> and <i>Escherichia coli</i> , and for preparing an antibacterial drug, comprises fifteen amino acid sequence
CN 113694192 A 20211126	Univ Qingdao Agricultural	China	<i>Vibrio vulnificus</i> inactivated vaccine and preparation method and application thereof
KR 20220037035 A 20220324	Jeju National Univ Industry Academic Cooperation Foundation	South Korea	Peptide derived from <i>Haliotis madaka</i> having antibacterial effect against <i>Bacillus subtilis</i> , <i>Pseudomonas aeruginosa</i> and <i>Vibrio parahaemolyticus</i> , useful as e.g. Antibacterial medicine composition, and food composition for preventing and treating food poisoning
WO 2022104279 A1 20220519	Univ Arizona	USA	<i>Vibrio</i> toxin binding proteins in shrimp and uses thereof
CN 114344453 A 20220415	Univ South China Normal	China	Use of <i>Tilapia</i> CL-K1 or gene encoding <i>Tilapia</i> CL-K1 is used in preparation of medicament for preventing and/or treating aquatic diseases, and also used in preparation of <i>Tilapia</i> pathogenic bacteria inhibitor of inflammatory response caused by <i>Tilapia</i> pathogenic bacteria infection
KR 20220024234 A 20220303	Univ Nat Chonnam Ind Found	South Korea	Antimicrobial composition against fish bacterial disease comprising <i>Cudrania tricuspidata</i> Bureau extract or fraction as an active ingredient
	Nat Univ Chungbuk Acad Coop Found		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022049570 A1 20220310	Univ Ramot	Israel	Engineered protein delivery platform and use thereof for antibacterial treatments
US 2022105080 A1 20220407	T3 Bioscience Llc	USA	Pseudomonas strains and their metabolites to control fish diseases
	Uwm Res Foundation Inc		
CN 113583974 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Cracking vibrio parahemolyticus bacteriophage RDP-VP-21007 and application thereof
CN 114044816 A 20220215	Univ Dalian Ocean	China	Recombinant crassostrea gigas pyroporin protein rcggsdme-N as well as preparation method and application thereof
CN 113912691 A 20220111	Univ Dalian Ocean	China	Recombinant crassostrea gigas high-mobility family protein r-cghmgb1, preparation method and application thereof
CN 114042089 A 20220215	Univ Minjiang	china	Method for preventing and treating prawn culture vibriosis by using marine protozoa trachelostylidae
CN 113698464 A 20211126	South China Sea Oceanology Cas Inst	China	Antibacterial peptide hehampii-4 (63-88) and application thereof
CN 114099657 A 20220301	South Univ	China	Vibrio alginolyticus attenuated live vaccine as well as preparation method and application thereof
WO 2022067028 A1 20220331	Bigelow Laboratory For Ocean Sciences	USA	Engineered perkinsus marinus cells

VT Apicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2021275566 A1 20210909	Beeologics Inc	USA	Compositions for conferring tolerance to viral disease in social insects, and the use thereof
WO 2021235954 A1 20211125	Instytut Innowacji I Tech Politechniki Białostockiej Sp Z O O	Poland	Composition for treatment of american foulbrood in bees and extract from polyporoid fungus, in particular tyromyces fissilis, for use in treatment and/or prophylaxis of american foulbrood in bees



VTÉquidos

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022109341 A1 20220527	Dorian Therapeutics Inc	USA	Compounds for treatment of osteoarthritis
US 2022054542 A1 20220224	Reilly Iii Frank Kelly	USA	Method of treating equine joint inflammation
WO 2022101679 A1 20220519	Boehringer Ingelheim Vetmedica GmbH	Germany	New Equine Herpesvirus comprising a Feline Herpes virus antigen encoding sequence inserted into open reading frame (ORF)-70 and/or ORF 1/3 useful for immunizing a feline, and treating or preventing of clinical signs caused by FHV in felines
WO 2022115594 A2 20220602	Vetmed Therapeutics Inc	USA	Methods of treating superficial digital flexor tendon injuries, deep and superficial muscle/tendon contracture, navicular syndrome, and suspensory ligament inflammation and injuries in quadruped animals
US 2022040269 A1 20220210	Paw Power Inc	USA	Reducing a symptom of degenerative joint
WO 2022081773 A1 20220421	Univ Illinois	USA	Methods of treating herpes viral infection with 4-phenylbutyrate (pba) or a pharmaceutically acceptable salt thereof
WO 2022079439 A2 20220421	Genome Res Ltd	United Kingdom	Trypanosomal vaccine useful for treating trypanosomal infection is an infection mediated by trypanosoma congolense, trypanosoma vivax, and animal african trypanosomiasis comprises an flagellum-adhesion glycoprotein 1 binding protein

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022070211 A1 20220407	All India Inst Of Medical Sciences	India	Transport media composition used to e.g. Transport virus e.g. Respiratory syncytial virus, measles virus, influenza virus and HIV, or microbe e.g. Escherichia coli comprises guanidine hydrochloride, N-lauryl sarcosine, tris and water
WO 2022052781 A1 20220317	Dongguan Pengzhi Biotechnology Co Ltd	China	Anti-influenza a virus antibody and kit
WO 2022086958 A1 20220428	Ligand Pharm Inc	USA	New compound (I) used in pharmaceutical composition for preparing medication for treating viral infection in a subject chosen from mammal
WO 2022080576 A1 20220421	Kim Hong Yeoul	South Korea	Composition comprising pmca inhibitor for treatment of coronavirus infection or infectious diseases
	Zollo Massimo	Italy	
CN 114075278 A 20220222	Dongguan Pengzhi Biotechnology Co Ltd	China	Anti-Flu-A antibody, preparation method thereof and detection kit
WO 2022056398 A1 20220317	Univ Georgia	USA	The nucleic acid, live virus and recombinant virus are useful in composition for inducing or increasing an immune response against influenza virus in humans, birds, pigs, horses, ferrets, whales, seals, dogs, cats, and rodents, where the virus is a recombinant influenza virus, vaccinia virus, adenovirus, herpes virus, paramyxovirus 5, Newcastle disease virus, measles virus, yellow fever virus, mumps virus, rubella virus, or rotavirus (all claimed).
	Us Agriculture	USA	
WO 2022080577 A1 20220421	Kim Hong Yeoul	South Korea	Composition comprising pmca inhibitor for prevention of coronavirus infection or infectious diseases or for disinfection
	Zollo Massimo	Italy	

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022057573 A1 20220324	Dongguan Pengzhi Bio- technology Co Ltd	China	Anti-influenza a virus antibody, and detection kit and preparation method therefor
CN 114028558 A 20220211	Zhangzhou Pien Tze Huang Pharm	China	Preparation method using bacterial lysate as inactivated vaccine adjuvant
	Univ Northwest A&F		
US 2022054436 A1 20220224	Johnson Lanny Leo	USA	Methods and compositions including protocatechuic acid crystals for the treatment of conditions caused by an enveloped virus
CN 113846052 A 20211228	Chengnuo Regenerative Medicine Tech Beijing Co Ltd	China	Application of endothelial cells and precursor cells thereof in treatment of demyelination diseases
WO 2022046788 A2 20220303	Cytoimmune Therapeutics Inc	USA	Bispecific antibody car cell immunotherapy
CN 113637072 A 20211112	Shanghai Serum Bio Tech Co Ltd	China	Preparing anti-bungarotoxin specific polyclonal antibody for preparing product for detecting bungarotoxin, involves preparing antigen by extracting toxin of snake, inactivating toxin to obtain snake toxin antigen, immunizing horse with antigen, collecting serum and extracting horse igg from serum
US 2022054542 A1 20220224	Reilly Iii Frank Kelly	USA	Method of treating equine joint inflammation
WO 2022115594 A2 20220602	Vetmed Therapeutics Inc	USA	Methods of treating superficial digital flexor tendon injuries, deep and superficial muscle/tendon contracture, navicular syndrome, and suspensory ligament inflammation and injuries in quadruped animals
US 2022054436 A1 20220224	Johnson Lanny Leo	USA	Methods and compositions including protocatechuic acid crystals for the treatment of conditions caused by an enveloped virus

VT Mascotas



Nº de Publicación	Solicitante	País de origen	Contenido técnico
BR 102019021511 A2 20220215	Univ Federal Bahia	Brazil	Immunization against Toxocara canis infection in domestic animals useful e.g. For promoting protection against infection caused by Toxocara canis, by subcutaneously administering immunogenic conjugates of recombinant proteins rtccad, rtcvcn and Freund's complete or incomplete adjuvant to animal
WO 2022109341 A1 20220527	Dorian Therapeutics Inc	USA	Compounds for treatment of osteoarthritis
AU 2022203370 A1 20220609	Intervet Int Bv	Netherland	Controlling ectoparasitic infestation of an animal comprises administering a isoxazoline compounds (I), or its salts or solvates to the animal.
WO 2022101679 A1 20220519	Boehringer Ingelheim Vetmedica GmbH	Germany	New feline herpes virus vaccine
WO 2022109403 A1 20220527	Scout Bio Inc	USA	The antigen-binding molecule, isolated nucleic acid molecule, expression construct, host cell, vector, composition, kit or immunogenic composition are useful for: treating or preventing a condition associated with increased expression and/or increased activity of IL-31 in a subject
US 2022127351 A1 20220428	Zoetis Services Llc	USA	Interleukin-31 monoclonal antibodies for veterinary use
WO 2022104282 A1 20220519	Prothera Biologics Inc	USA	Methods for purifying inter-alpha inhibitor proteins

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022105771 A1 20220527	Jiangsu Hengrui Medicine Co	China	Are useful as TYK2 inhibitor in medicament for treating and preventing inflammatory disease or autoimmune disease that promote the administration of the organism, which is good for the absorption of the active ingredient to exert biological activity, have good pharmacokinetic properties, and medicine absorption in the dog body
	Shanghai Hengrui Pharmaceutical Co Ltd	China	
WO 2022123573 A1 20220616	The State Of Israel Ministry Of Agriculture & Rural Development Agricultural Res Organization Aro Vo	Israel	Compounds for treating eye diseases and disorders
	Tel Hashomer Medical Res Infrastructure & Services Ltd		
WO 2022078559 A1 20220421	Wo 2022078559 A1 20220421	Denmark	The composition is used in the treatment or alleviation of grass allergy, and in allergy vaccination in a subject
	Region Midtjylland		
	Imperial College Innovations Ltd	United Kingdom	
WO 2022075367 A1 20220414	National Univ Corporation Tokyo Univ Of Agriculture And Technology	Japan	Composition useful for preventing or treating e.g. Canine atopic dermatitis, comprises microorganisms belonging to e.g. Fusobacterium, Sutterella, Romboutsia, Bacteroides, Megamonas, Helicobacter, Prevotella, Blautia, Collinsella and Holdemanella
	Anicom Specialty Medical Inst Inc		
	Metabologenomics Inc		
WO 2022079139 A1 20220421	Intervet Int Bv	Netherlands	Caninized antibodies to canine interleukin-31 receptor alpha
	Intervet Inc	USA	
JP 2022049676 A 20220329	Miz Co Ltd	Japan	A composition for preventing and/or ameliorating chronic inflammation and related diseases associated with chronic inflammation in a subject, comprises molecular hydrogen as an active ingredient. A hydrogen gas inhaler having 4-5% hydrogen concentration was used for dog with liver failure caused by chronic hepatitis

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022096472 A1 20220512	Intervet Int Bv	Netherland	Use of live attenuated parvovirus for protecting animal against parvovirus infection, comprises capsid gene coding for amino acid
	Intervet Inc	USA	
WO 2022063790 A1 20220331	Quadrel S R L	Italy	Use of 5-cyclopentadecylpentyl (2-(trimethylammonio)ethyl) phosphate compound for preventing and/or treating protozoal disease comprising leishmaniasis, African trypanosomiasis, acute and chronic cutaneous leishmaniasis, kala-azar, mucocutaneous leishmaniasis, and canine leishmaniasis in mammal
WO 2022087515 A1 20220428	Elanco Us Inc	USA	Tablet used to treat atopic dermatitis
CN 114306583 A 20220412	Chengde Medical College Affiliated Hospi	China	Use of K-lysine-acetyltransferase in preparing medicine for treating mammalian allergic diseases, preferably comprises atopic dermatitis, food allergy, allergic rhinitis, allergic asthma and dyspnea
WO 2022086837 A1 20220428	Zoetis Services Llc	USA	Antibodies to canine and feline oncostatin m receptor beta and uses thereof
WO 2022112430 A1 20220602	Phoxbio Ltd	Ireland	Reduction of viral infections
WO 2022119060 A1 20220609	Nat Univ Chungbuk Ind Acad Coop Found	South Korea	New Immortalized canine stem cells transduced with E6 and E7 genes of papillomavirus, used in veterinary composition for preparing veterinary medicament for preventing, improving or treating inflammatory diseases including atopic dermatitis, dermatitis, encephalitis and inflammatory enteritis
	Designed Cells Co Ltd		
FR 3115681 A1 20220506	Vaxinano	France	Therapeutic vaccine useful in vaccine composition for e.g. Treating diseases related to pathogen or disease e.g. Leishmaniasis
WO 2022058432 A1 20220324	Hopitaux Univ De Geneve	China	Pharmaceutical composition for allergen specific immunotherapy

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2022088098 A1 20220324	Sator Therapeutics	USA	Treating a tumor e.g. Mastocytoma, osteosarcoma, or mammary carcinoma in a dog or cat, comprises administering to the dog or cat a first composition containing at least a first oncolytic virus for a first time period
WO 2022047248 A1 20220303	Torigen Pharmaceuticals Inc	USA	Immune memory enhanced preparation used for inhibiting and/or preventing tumor growth, comprises first component comprising target moiety of interest and second component that invokes immune memory response
WO 2022076419 A1 20220414	Albert Einstein College Of Medicine	USA	Methods of treating viral infections with pirnas or extracellular vessicles released from neural stem cells or neural progenitor cells
WO 2022079439 A2 20220421	Genome Res Ltd	United Kingdom	Novel trypanosomal vaccine
CN 113632762 A 20211112	Univ Yunnan Agricultura	China	Using fecal bacteria transplantation to improve working performance of Kunming puppies, by selecting grandmother of puppies as bacterial source donor, preparing fecal bacteria transplantation solution, gavaging to healthy puppies, feeding antibiotic-free diets, and performing performance training
	Kunming Police Dog Base Of The Mini Of Public Security		
JP 2022023685 A 20220208	Univ Nihon	Japan	Pharmaceutical composition for treating canine disease
CN 114028321 A 20220211	Univ Qingdao Agricultural	China	External preparation used as an antibody ectoparasite medicine for pet
CN 114085860 A 20220225	Qingdao Guomai Biotechnology Co Ltd	China	Recombinant lactic acid bacteria for expressing rabies virus g protein, construction method and application

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113980972 A 20220128	Univ Shandong Agricultural	China	New DNA molecule useful in preparing recombinant canine gamma 1 interferon, medicine or preparation for treating and preventing canine virus disease, preferably virus inhibitor or preparation for improving survival rate of young dog
WO 2022051671 A1 20220310	Lyme Revive Found	USA	Composition used in formulation for maintaining or restoring metabolic function in cell, and for reducing or preventing infection of a cell and for treating a disease or disorder, preferably reducing severity of sign or symptom of the disease or disorder
WO 2022066825 A1 20220331	Univ Michigan Regents	USA	Compositions and methods for treating and/or preventing autoimmune disorders
WO 2022046788 A2 20220303	Cytoimmune Therapeutics Inc	USA	The polypeptide is useful in isolated cell, composition, cell population or isolated complex for treating a cancer in a subject. The subject is a mammal, a canine, a feline, an equine, a murine, or a human patient
CN 113943355 A 20220118	Shenzhen Wankesen Biotechnology Co Ltd	China	Micropterus salmoides rhabdovirusg2-2M recombinant protein and application thereof
WO 2022049220 A2 20220310	Genmab As	Denmark	Antibody therapy
WO 2022046809 A1 20220303	Univ Pennsylvania	USA	Viral vector encoding glp-1 receptor agonist fusions and uses thereof in treating metabolic diseases in felines

VTVarios



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114366803 A 20220419	(Beij-N) Beijing Huadu Shihua Biological Prod Co (Zhej-N) Zhejiang Ceva Ebvac Biotech Co Ltd	China	New recombinant turkey herpes virus useful in vaccination of poultry, preferably chickens, comprises inserted into first insertion site of viral genome, and nucleotide sequence encoding hemagglutinin protein having specific amino acids
WO 2022109503 A1 20220527	Devacell Inc	USA	Recombinant oncolytic viruses, surface-engineered delivery systems and related methods
WO 2022066825 A1 20220331	Univ Michigan Regents	USA	Compositions and methods for treating and/or preventing autoimmune disorders
CN 113855793 A 20211231	Univ Southwest	China	Application of bovine-derived A-type pasteurilla multocida gene deletion strain
CN 114164211 A 20220311	Chinese People Liberation Navy Military Univ	China	Incrna and application thereof in tumor diagnosis, treatment and prognosis. The individual is mammal, such as human, non-human primate, rat, mouse, cat, dog, pig, horse, cow or sheep
US 2022112517 A1 20220414	Tenaya Therapeutics Inc	USA	Treating heart disease or disorder in individual involves administering composition comprising gene therapy vector comprising nucleic acid encoding a plakophilin 2 (PKP2) polypeptide or its fragment
CN 113846052 A 20211228	Chengnuo Regenerative Medicine Tech Beijing Co Ltd	China	Application of endothelial cells and precursor cells thereof in treatment of demyelination diseases

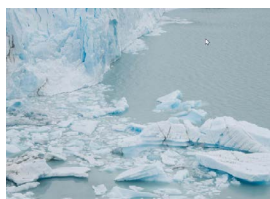
Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022032100 A2 20220210	Univ Johns Hopkins	USA	Immune cell response to infectious disease, and programmed death-ligand 1 expression levels in subject such as human, rat, mouse, cat, dog, horse, sheep, cow, monkey, avian, or amphibian
WO 2022084426 A1 20220428	Intervet Int Bv	Netherland	The baculovirus expression vector is useful for: producing FMDV capsid precursor protein or FMDV-vlps; the recombinant expression of an FMDV capsid precursor protein in an insect cell; producing a vaccine; and protecting a subject against an infection with FMDV (all claimed), where the subject is cattle, sheep, pigs, goats, camelids (camels, llamas, alpacas, guanaco and vicuna), hedgehogs, coypu, deer, and elephants.
	Intervet Inc	USA	
CN 113662950 A 20211119	Inst Animal Science & Veterinary Medicine Shandong Aas	China	Application of saponin in preparation of anti-mycoplasma bovis product.
WO 2022079439 A2 20220421	Genome Res Ltd	United Kingdom	The vaccine is useful for: treating trypanosomal infection is an infection mediated by trypanosoma congolense, trypanosoma vivax; and treating animal african trypanosomiasis in mammals i.e. Ungulate, such as cattle, goats, sheep, horses, pigs and camels (all claimed).
CN 114028436 A 20220211	Univ Yanbian	China	Use of Dryopteris crassirhizoma extract in preventing and treating toxoplasmosis, and for preparing anti-toxoplasma veterinary medicine or feed. The livestock and poultry are pigeons, chickens, ducks, geese, cattle, sheep, dogs, horses or pigs.
CN 113789328 A 20211214	Second Military Medical Univ	China	Use of long-chain non-coding RNA or its expression product or its promoter in preparing product for promoting immune response of an object, and treating infectious diseases and symptoms. The subject is mammal, i.e. Human, non-human primate, rat, mouse, cat, dog, pig, horse, cow or sheep.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022050373 A1 20220310	Univ Jichi Medical	Japan	Purified concentrate of culture supernatant of mesenchymal stem cell or progenitor cell derived from mesenchymal stem cell used as e.g. Therapeutic agent for regenerative medicine, comprises component e.g. Insulin-like growth factor binding protein, and does not comprise lactic acid and ammonia. The mammals include dogs, cats, cows, horses, pigs, goats, sheep, monkeys, ferrets, rabbits, mice, rats, gerbils, guinea pigs, and hamsters.
WO 2022068141 A1 20220407	Kunming Sinoway Natural Pharmaceuticals Co Ltd	China	Method for treating CD22-related B-cell malignancy, comprising administering humanized anti-CD22 recombinant immunotoxin, nucleic acid molecule, vector, host cell or composition to a subject in need, where the subject is a mammal, including human or non-human primates and domestic, livestock or laboratory mammals e.g. Dogs, cats, cattle, pigs, sheep, horses, mice, and rabbits, preferably human
WO 2022043531 A1 20220303	Janssen Sciences Ireland Unlimited Co Univ Rouen Normandie Centre Nat Rech Scient Institut Nat Des Sciences Appliquees De Rouen Normandie	Ireland	New substituted ethylene-bridged nucleic acid monomer used for forming oligonucleotide used in pharmaceutical composition for therapy and/or prophylaxis of disorder in mammal. The mammals include mice, rats, rabbits, guinea pigs, dogs, cats, sheep, goats, cows, horses, primates, such as monkeys, chimpanzees, apes, and humans.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113621013 A 20211109	Inst Military Medicine Academy Military Sciences Pla	China	New ethynyl containing adenosine phosphoramidate derivative useful in preparing medicine for treating and preventing enterovirus infection caused diseases including e.g. Hand-foot-and-mouth disease, respiratory infections, central nervous system diseases and acute brady paralysis. Including bovines, equines, ovines, swines, canines, felines, rodents, primates, such as humans, cats, dogs, monkeys or pigs mammalian cells
CN 114316032 A 20220412	Dongguan Pengzhi Biotechnology Co Ltd	China	New antibody against influenza B virus or functional fragment thereof useful in reagent or kit for detecting influenza B virus. The species source of the area is cattle, horses, dairy cattle, pigs, sheep, goats, rats, mice, dogs, cats, rabbits, camels, donkeys, deer, minks, chickens, ducks, geese, turkeys, fighting cocks or humans.
WO 2022081827 A1 20220421	Dana Farber Cancer Inst Inc	USA	The chimera is useful in pharmaceutical composition for treating or preventing a viral infection caused by cov, or a RNA virus infection in a subject, both blocking viral replication and reducing viral infectivity of cov in a subject, or blocking the replication of SARS-cov, or SARS-cov-2 in a subject. The cov is Middle East respiratory syndrome cov (MERS-cov), SARS-cov, or SARS-cov-2. The subject is chosen from a human, a primate, a bat, a bird, a mouse, a turkey, a cow, a pig, a cat and a dog

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022084426 A1 20220428	Intervet Int Bv	Nether-land	The baculovirus expression vector is useful for: producing FMDV capsid precursor protein or FMDV-vlps; the recombinant expression of an FMDV capsid precursor protein in an insect cell; producing a vaccine; and protecting a subject against an infection with FMDV (all claimed), where the subject is cattle, sheep, pigs, goats, camelids (camels, llamas, alpacas, guanaco and vicuna), hedgehogs, coypu, deer, and elephants
	Intervet Inc	USA	
WO 2022047248 A1 20220303	Torigen Pharmaceuticals Inc	USA	The immune memory enhanced preparation is used for inhibiting and/or preventing tumor growth in human and veterinary subject including canine, feline, bovine, poultry, marine, avian, invertebrate, reptile and equine (all claimed).
CN 113832168 A 20211224	Sinovac Res & Development Co Ltd	China	Isolated mrna for preparation of severe acute respiratory syndrome coronavirus vaccine, comprises mrna encoding recombinant surface spike protein, recombinant spike protein derived from severe acute respiratory syndrome coronavirus
WO 2022052781 A1 20220317	Dongguan Pengzhi Biotechnology Co Ltd	China	Anti-influenza a virus antibody and kit

Noticias



Publicación del Informe sobre Tecnologías de Mitigación del Cambio Climático

El cambio climático se define como un cambio estable y perdurable en la distribución de los patrones de clima en periodos de tiempo que van, desde décadas hasta millones de años, debido a la variabilidad natural o como resultado de actividades antropogénicas.

+ MÁS



La difusión de la información tecnológica sobre energías renovables como apoyo a la investigación

La labor de la información tecnológica es una pieza esencial de los servicios que presta la OEPM. En este marco, el pasado 12 de mayo, la Oficina Española de Patentes y Marcas, O.A. (OEPM), emitió la segunda píldora informativa de la serie "Vigilancia Tecnológica en un clic", dedicada, en esta ocasión, a las Energías Renovables.

+ MÁS



Piénselo dos veces antes de comprar un producto falsificado

Piénselo dos veces antes de comprar un producto falsificado

Aunque aún estamos en mayo, el anormal ascenso de las temperaturas que disfrutamos nos hacen pensar en las próximas vacaciones de verano. Los delincuentes no cierran sus negocios. Por esta razón es buen momento de recuperar los consejos que la OEPM daba a través de esta Guía de Turismo seguro y que está en 6 idiomas en la web especializada Stopfalsificaciones.

+ MÁS



Publicación del estudio "Patentes y control de incendios forestales"

La Oficina Española de Patentes y Marcas, O.A. (OEPM) y el Instituto Nacional da Propriedade Industrial, I.P. (INPI) han elaborado un estudio que lleva por título "Patentes y control de incendios forestales", con el doble objetivo de aportar información técnica de interés para el sector de control de incendios forestales utilizando la información que proporcionan las patentes, y para poner de relieve la utilidad de las patentes como fuente de información tecnológica y como indicadores de desarrollo tecnológico.

+ MÁS



Aerogeneradores sin palas, eólica 2.0. con Vortex Bladeless

En los últimos años, se vienen registrando en nuestro país valores máximos históricos en cuanto a generación de energía eléctrica a partir de fuentes de energías renovables (59.860 MW a finales del 2020, 44 % de la generación total). La eólica sigue siendo la tecnología renovable más importante en el mix de generación nacional, suponiendo el 24,8 % de la producción total, la participación anual más alta

+ MÁS



Mesa redonda: Traspasando fronteras: Las posibilidades de expansión internacional de las marcas

El pasado 2 de junio, la Oficina Española de Patentes y Marcas, O.A. (OEPM) emitió por streaming una mesa redonda en la que se analizaron las posibilidades de expansión internacional de las marcas para dar a conocer los productos en mercados exteriores y facilitar su distribución en los mismos en una economía cada vez más globalizada.

+ MÁS



Elena García Armada, Premio Popular al Inventor Europeo 2022

El pasado 21 de junio de 2022, la Oficina Europea de Patentes (EPO) dio a conocer los ganadores de la decimosexta edición de los Premios al Inventor Europeo, galardones que cada año concede a personas destacadas en Europa y fuera de ella que, con sus innovaciones, contribuyen al desarrollo tecnológico, al crecimiento económico y a la mejora de la sociedad.

+ MÁS



Día Mundial Antifalsificación 2022

El 13 de junio la Oficina Española de Patentes y Marcas, O.A. (OEPM) celebró el Día Mundial Antifalsificación con un evento abierto al público en la sede de la OEPM.

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Noticias



Nueva reunión de la plataforma europea de uso responsable de medicamentos veterinarios con presencia de la iniciativa española Vetresponsable

Vet+i colabora activamente en las reuniones del "Core Group" de la Plataforma Europea sobre Uso Responsable de Medicamentos Veterinarios (EPRUMA) como miembro asociado.



+ MÁS



Organizada con éxito la Jornada informativa sobre la Convocatoria 2022 de Misiones Ciencia e Innovación con oportunidades para el sector de la sanidad animal

Casi 70 interesados se conectaron para conocer todos los detalles de la Convocatoria Misiones abierta el mismo día del evento y otras herramientas de CDTI a disposición de los interesados en presentar proyectos vinculados con la sanidad animal.

+ MÁS



El Consejo Gestor de Vet+i celebra con éxito su reunión número XXIX

Tras dos años en formato virtual por la COVID19, este mes de junio tuvo lugar de manera presencial, la reunión del Consejo Gestor de la Fundación Vet+i.

+ MÁS



La Fundación Vet+i impulsa el concepto 'One Health' en la XV Conferencia Anual de las Plataformas Tecnológicas de Investigación Biomédica

Se analizaron los principales desafíos y oportunidades que tiene España en investigación biomédica, ante más de 800 asistentes.

+ MÁS



Vet+i da la bienvenida a Virbac como patrono de la Fundación

Virbac entra a formar parte del órgano de gobierno, representación y administración de la Fundación para dar apoyo a todas las actividades de impulso de la I+D+i en sanidad animal.

+ MÁS



La Fundación Vet+i celebra el III Animal Health Innovation Day sobre Antiparasitarios con más de 100 asistentes

Ponentes de excelencia de la AEMPS, CSIC, así como de Centros de Investigación y Empresas del sector de la sanidad animal, participaron en la tercera edición de este evento virtual.

+ MÁS



Vet+i fortalece su colaboración con otras Plataformas Tecnológicas y Organismos públicos en su reunión del Grupo Consultivo

Se debatieron cuestiones de interés común como las ayudas de la Agencia Estatal de investigación, de Horizonte Europa, iniciativas en Propiedad Industrial, one health, economía circular, internacionalización, entre otras.

+ MÁS



Vet+i se reúne con representantes del sector de los animales silvestres de AIZA, Cabárceno y Oceanográfico

Se comentaron posibles actividades conjuntas para el impulso de la I+D+i en sanidad animal en estas especies animales.

+ MÁS



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