

VT

SANIDAD ANIMAL

48

Vigilancia Tecnológica 4º 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 ocho recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el cuarto 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.

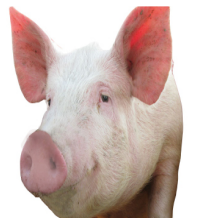
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Bovino



Ovino y
Caprino



Porcino



Avicultura



Acuicultura



Apicultura



Équidos



Mascotas



Varios

VT Bovino



Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20220133632 A 20221005	Iac In Nat Univ Chungnam	South Korea	New recombinant protein useful in vaccine composition for preventing porcine epidemic diarrhea virus infection in cattle comprises protein derived from porcine epidemic diarrhea virus spike protein S1, and protein derived from ferritin
DE 102021202830 A1 20220929	Gelita Ag	Germany	Use of recombinant type II collagen is claimed in a therapeutic method for oral therapy of cartilage disorders in a human or animal patient.
WO 2022192162 A1 20220915	Fox Chase Chemical Diversity Center Inc	USA	New substituted amide compound used in composition for treating fungal infection
CN 114891122 A 20220812	Univ Yangzhou	China	Milk cow antibacterial polypeptide synthesized by primary milk cow mammary epithelial cell bioreactor and application of milk cow antibacterial polypeptide
JP 2022165041 A 20221031	Takanofoods Co Ltd	Japan	Composition useful in feed additive, feed and pharmaceutical composition for preventing or treating mastitis
CN 114831937 A 20220802	Univ China Agricultural	China	Chrysophanol methyl ether micro-emulsion used in e.g. Preparing bacteriostatic agent or antibacterial medicine for preventing and treating respiratory disease of livestock and poultry
CN 114796193 A 20220729	Univ Heilongjiang Bayi Agricultural	China	Traditional Chinese medicine monomer for resisting bovine viral diarrhea virus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022216162 A1 20221013	Pictor Ltd	New Zealand	Substrate useful in kit for detecting several target analyte (antibody or its fragment) in sample and Mycoplasma bovis infection, comprises capture elements specific for Mycoplasma bovis on the substrate
	Univ Melbourne	Australia	
US 2022331356 A1 20221020	Purina Animal Nutrition Llc	USA	Reducing Cryptosporidium spp. In liquid animal feed involves providing liquid animal feed admixed with hydrogen peroxide-generating composition
CN 114681438 A 20220701	Inst Of Basic Medicine Of Chinese Academy Of Medical Sciences	China	Use of guanidine-containing compound in pharmaceutical composition for dissolving galectin crystals, preparing medicines for treating galectin crystal related diseases, infectious disease, and inflammatory disease
CN 114917331 A 20220819	Spirit Jinyu Biological Pharmaceutical Co Ltd	China	Bovine pasteurilla multocida capsular A type capsular polysaccharide vaccine and preparation method thereof
WO 2022212707 A1 20221006	Primmune Therapeutics Inc	USA	New pyrrolidin-2-one/piperidin-2-one compound used in pharmaceutical composition for treating individual suffering from viral infection associated with
WO 2022204431 A1 20220929	Anavex Life Sciences Corp	USA	Inhibiting or preventing coronavirus infection, treating coronavirus disease and alleviating or ameliorating symptoms related to coronavirus disease in patient, involves administering f36to patient, diphenyl compound
	Missling Christopher U		
CN 114868839 A 20220809	Inner Mongolia Youran Animal Husbandry Co Ltd	China	Eucommia ulmoides leaf composition for dairy cows in early perinatal period as well as preparation method and application of eucommia ulmoides leaf composition
CN 114895027 A 20220812	Lanzhou Veterinary Res Inst Caas	China	Kit for direct spread detection of peste des petits ruminants virus based on single-domain antibody 9-4-(1) immunomagnetic beads and application thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
JP 2022150100 A 20221007	Endo K	Japan	Composition useful as feed composition for reducing number of somatic cells of milk, increasing milk content and preventing or treating mastitis, comprises Bacillus
	Otsuka H		
CN 115161211 A 20221011	The Spirit Jinyu Biological Pharmaceutical Co Ltd	China	Bovine hemolytic mannheimia strain, inactivated vaccine prepared from bovine hemolytic mannheimia strain and vaccine preparation method
CN 115212287 A 20221021	Chen W	China	Cow udder antibacterial peptide injection used for preparing medicine for treating bovine bacterial mastitis
	Cui H		
	Liu Y		
CN 114982866 A 20220902	Ningxia Jiusheng Animal Husbandry Tech Research Institute Co Ltd	China	Premixed feed additive capable of improving diarrhea of young animals and preparation method thereof
CN 115074347 A 20220920	Shandong Longchang Animal Health Product Co Ltd	China	New keratinase mutant useful for preparing feed for promoting growth and reducing diarrhea in animal and protecting stomach and intestines of animals and in poultry and livestock breeding
CN 115404194 A 20221129	Univ Huazhong Agric	China	Mycoplasma bovis mutant strain T8.66 used in preparing mycoplasma bovis vaccine.
CN 115074348 A 20220920	Wuhan Xinnuowei Biotechnology Co Ltd	China	New chimeric lyase clyl useful for preparation of medicine for preventing and treating bovine mastitis and/or streptococcosis, and lysing Gram-positive bacteria e.g. Streptococcus and/or Staphylococcus
CN 115112884 A 20220927	Sinovet Jiangsu Biopharmaceutical Co Ltd	China	Direct immunofluorescence reagent and detection kit for detecting bovine viral diarrhea virus type 2
US 2022282279 A1 20220908	Gumrukcu Serhat	USA	Recombinant nucleic acid molecule or construct for plasmid, lipid nanoparticle, and a pharmaceutical composition, is used in treating a viral infection in a subject in need

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115282173 A 20221104	Univ Guangxi	China	The method is used for extracting purslane organic acid extract for preparing medicines for resisting Staphylococcus aureus, and treating mastitis or dermatitis in humans and animals (all claimed), and specifically treating mastitis in dairy cows and dermatitis in piglets.
WO 2022234044 A1 20221110	Avelo Ag	Switzerland	The sampling device is useful for collecting aerosol particles contained in a breath sample of a human or animal for the purpose of sampling a non-volatile respiratory pathogen present in the breath sample, where the pathogen is a respiratory tract infection
CN 114921418 A 20220819	Jinhe Youben Biological Products Co Ltd	China	Hybridoma cell strain 1D3 of O-type foot-and-mouth disease virus-like particle monoclonal antibody, kit and detection method
	Hangzhou Uben Animal Vaccine Co Ltd		
CN 114931586 A 20220823	Zhejiang Keruite Biotechnology Co Ltd	China	The povidone-iodine solution is useful for disinfecting surgical sites, skin and mucous membranes and treating skin diseases, treating bacterial diseases e.g. Livestock and poultry intestinal diseases, diarrhea, yellow and white dysentery, and endometritis.
	Ningbo Creator Animal Pharmacy Co Ltd		
WO 2022258797 A1 20221215	Intervet Int Bv	USA	Treating a parasitic tick infestation of an animal, where the parasite tick infestation is an infestation with a tick of Hyalomma spp
	Intervet Inc		
US 2022288188 A1 20220915	Purdue Research Foundation	USA	Generating immunogenicity against virus, comprises administering badv3 vaccine expressing antigen of virus antigen
WO 2022229965 A1 20221103	Mileutis Ltd	Israel	Therapeutic combination useful for treating, preventing, inhibiting, reducing, eliminating, protecting or delaying the onset of a mammary gland disorder

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114921352 A 20220819	Jilin Acad Agricultural Sciences	China	Rhodotorula mucilaginosa JAASRY1 as well as fermentation culture for livestock and poultry to enhance immunity.
CN 114848680 A 20220805	Sichuan Gooddoctor Panxi Pharmaceutical Co Ltd	China	Composition for treating cow mastitis and preparation method thereof
CN 115300618 A 20221108	Univ China Agricultural	China	Tuberculosis vaccine used in form of nasal mucosa by mucous membrane of respiratory tract for treating disease caused by Mycobacterium bovis, comprises fusion protein aerobic heterotrophic bacteria of tubercle bacillus AH antigen and bovine beta defensin 5
CN 115322921 A 20221111	Univ China Agricultural	China	Bacillus strain used in microbial inoculum and fermentation method for inhibiting pathogenic bacteria of cow mastitis, such as Staphylococcus aureus and Escherichia coli
US 11524940 B1 20221213	Pardes Biosciences Inc	USA	New amino compound for ameliorating or treating viral infection, where virus is e.g. RNA virus, DNA virus, papillomavirus, picornavirus, influenza virus, adenovirus, polyomavirus, poxvirus, flavivirus, alphavirus, Ebola virus, morbillivirus, enterovirus, lentivirus, arenavirus, and herpes virus
WO 2022221686 A1 20221020	Pardes Biosciences Inc	USA	New substituted 2 - a m i n o a c e t a m i d e compound used for e.g. Preventing or treating viral infection caused by virus e.g. RNA virus, DNA virus, coronavirus, papillomavirus, pneumovirus, picornavirus, influenza virus, adenovirus, c y t o m e g a l o v i r u s , p o l y o m a v i r u s , poxvirus and flavivirus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115300541 A 20221108	Chinese Acad Sci Subtropical Agric Inst	China	Use of rosemary extract, i.e. Rosmarinus officinalis extract in treating recessive mastitis of cows
CN 114853905 A 20220805	Chengnuo Regenerative Medicine Tech Zhuhai Hengqin New Area Co Ltd	China	Scheme for treating tumors through combined use of gene modified NK cells and antibodies
CN 114921423 A 20220819	Univ South China Agricult	China	New multi medicine-resistant Salmonella Kentucky virulent phage useful for preparing bactericide and antibacterial agent to reduce Salmonella Kentucky contamination in livestock and poultry production chain
CN 115043939 A 20220913	Univ Northwest A&F	China	Omp16 specific nano antibody for detecting brucella, expression vector and application of Omp16 specific nano antibody
CN 115029323 A 20220909	Inst Animal Science & Veterinary Medicine Shandong Aas	China	Drug-resistant staphylococcus aureus bacteriophage SP160 and application thereof in preparation of bacteriostatic agent
WO 2022197720 A2 20220922	Beth Israel Deaconess Medical Ct Inc	USA	New isolated nucleic acid molecule comprising a nucleotide sequence that encodes a polypeptide having sequence identity to amino acids of any one of specified amino acid sequences, used to e.g. Treat coronavirus infection
	Triad Nat Security Llc		
WO 2022256556 A1 20221208	Elanco Us Inc	USA	Treating and inhibiting mastitis and increasing milk production in cow, by administering pegbovigrastim to cow during late lactation stage
WO 2022228651 A1 20221103	Birkenmeier Gerd	Germany	Pyruvate esters for the treatment of viral diseases
CN 114948909 A 20220830	Univ Guilin Technology	China	The method is used for preparing slow-release antibacterial agent for livestock, providing excellent antibacterial effect on Escherichia coli and Staphylococcus aureus, improving gastrointestinal colony environment, and reducing diarrhea disease caused by E.coli and gold

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022220699 A2 20221020	Proteon Pharmaceuticals S A	Poland	Use of preparation for treating bacterial infections or mastitis in dairy cattle, preferably infections caused by Escherichia coli and/or Staphylococcus aureus, intended for intramammary administration during lactation or dry period
WO 2022245136 A1 20221124	Anygen Co Ltd	South Korea	The composition is useful in health functional food composition for preventing or treating a viral infection, and/or providing antiviral activity against at least one chosen from coronavirus, influenza virus, porcine epidemic diarrhea virus, bovine rotavirus, porcine Sapovirus, porcine reproductive and respiratory syndrome virus
WO 2022236370 A1 20221117	Univ Griffith	Australia	Immunogenic composition useful in medicine for eliciting immune response and preventing infection associated with erythrocytic organism in first mammal, comprises erythrocytes and erythrocytic organism
KR 102453253 B1 20221011	Kim Jong Kwan	South Korea	System for detecting livestock respiratory disease based on deep learning sound analysis technology
CN 114751963 A 20220715	Univ Nanjing Agricultural	China	Protein for detecting foot and mouth disease virus antibody and application thereof
WO 2022233943 A1 20221110	Sleip Ai Ab	Sweden	Method for displaying quadruped motion metrics of quadruped e.g. Horse, cow and dog, for guiding human user through identification of lameness in quadruped.



Ovino y Caprino



Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114921589 A 20220819	Lanzhou Veterinary Res Inst Caas	China	Kit for detecting goat pox virus based on single-domain antibody 9-4-1 immunomagnetic bead direct diffusion and application of kit
DE 102021202830 A1 20220929	Gelita Ag	Germany	Use of recombinant type II collagen is claimed in a therapeutic method for oral therapy of cartilage disorders in a human or animal patient.
WO 2022192162 A1 20220915	Fox Chase Chemical Diversity Center Inc	USA	New substituted amide compound used in composition for treating fungal infection
JP 2022165041 A 20221031	Takanofoods Co Ltd	Japan	Composition useful in feed additive, feed and pharmaceutical composition for preventing or treating mastitis
CN 114831937 A 20220802	Univ China Agricultural	China	Chrysophanol methyl ether micro-emulsion used in e.g. Preparing bacteriostatic agent or antibacterial medicine for preventing and treating respiratory disease of livestock and poultry
US 2022331356 A1 20221020	Purina Animal Nutrition Llc	USA	Reducing Cryptosporidium spp. In liquid animal feed involves providing liquid animal feed admixed with hydrogen peroxide-generating composition
CN 114681438 A 20220701	Inst Of Basic Medicine Of Chinese Academy Of Medical Sciences	China	Use of guanidine-containing compound in pharmaceutical composition for dissolving galectin crystals, preparing medicines for treating galectin crystal related diseases, infectious disease, and inflammatory disease
CN 115317599 A 20221111	Univ Shihezi	China	Method for preparing sheep pneumonia mycoplasma subunit vaccine
CN 114751963 A 20220715	Univ Nanjing Agricultural	China	Protein for detecting foot and mouth disease virus antibody and application thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114895027 A 20220812	Lanzhou Veterinary Res Inst Caas	China	Kit for direct spread detection of peste des petits ruminants virus based on single-domain antibody 9-4-(1) immunomagnetic beads and application thereof
US 2022282279 A1 20220908	Gumrukcu Serhat	USA	Recombinant nucleic acid molecule or construct for plasmid, lipid nanoparticle, and a pharmaceutical composition, is used in treating a viral infection in a subject in need
CN 115286699 A 20221104	China Inst Veterinary Drug Control	China	Protein rgp32 delta used in preparing hybridoma cell strain secreting anti-GTPV monoclonal antibody, product, chemical, reagent, detecting plate or kit for detecting sample GTPV, and sheep pox virus
CN 114931586 A 20220823	Zhejiang Keruite Biotechnology Co Ltd	China	The povidone-iodine solution is useful for disinfecting surgical sites, skin and mucous membranes and treating skin diseases, treating bacterial diseases e.g. Livestock and poultry intestinal diseases, diarrhea, yellow and white dysentery, and endometritis.
	Ningbo Creator Animal Pharmacy Co Ltd		
WO 2022258797 A1 20221215	Intervet Int Bv	USA	Treating a parasitic tick infestation of an animal, where the parasite tick infestation is an infestation with a tick of Hyalomma spp
	Intervet Inc		
WO 2022223824 A1 20221027	Philogen Spa	Italy	New antibody molecule that binds human, canine, ovine and porcine fibroblast activation protein useful in e.g. Treatment of human or animal body by therapy and inflammatory disorder or autoimmune disease, such as rheumatoid arthritis, or cancer
WO 2022229965 A1 20221103	Mileutis Ltd	Israel	Therapeutic combination useful for treating, preventing, inhibiting, reducing, eliminating, protecting or delaying the onset of a mammary gland disorder
CN 114921352 A 20220819	Jilin Acad Agricultural Sciences	China	Rhodotorula mucilaginosa JAASRY1 as well as fermentation culture for livestock and poultry to enhance immunity.

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114957439 A 20220830	Biotechnology Res Institute Xinjiang Academy Of Animal Sciences China Australia Sheep Res Center Xin	China	Sheep PDGFD, encoding PDGFD nucleic acid, recombinant lentivirus of encoding PDGFD nucleic acid, host cell and application
CN 115161223 A 20221011	Northwest A&F Univ	China	New Lactobacillus acidophilus strain 202211 useful for preparing e.g. Antibacterial formulation or veterinary medicine for treating dairy goat mastitis and inhibiting growth and reproduction of pathogenic bacteria e.g. Staphylococcus aureus
CN 114921423 A 20220819	Univ South China Agricult	China	New multi medicine-resistant Salmonella Kentucky virulent phage useful for preparing bactericide and antibacterial agent to reduce Salmonella Kentucky contamination in livestock and poultry production chain
CN 115029323 A 20220909	Inst Animal Science & Veterinary Medicine Shandong Aas	China	Drug-resistant staphylococcus aureus bacteriophage SP160 and application thereof in preparation of bacteriostatic agent
WO 2022197720 A2 20220922	Beth Israel Deaconess Medical Ct Inc	USA	New isolated nucleic acid molecule comprising a nucleotide sequence that encodes a polypeptide having sequence identity to amino acids of any one of specified amino acid sequences, used to e.g. Treat coronavirus infection
	Triad Nat Security Llc		
CN 114948909 A 20220830	Univ Guilin Technology	China	Themethodisusedforpreparing slow-release antibacterial agent for livestock, providing excellent antibacterial effect on Escherichia coliand Staphylococcus aureus, improving gastrointestinal colony environment, and reducing diarrhea disease caused by E.coligold
CN 115044513 A 20220913	Univ Shanxi Agricultural	China	Mycoplasma mycoides subsp. Caprae SXTG01 and application thereof, mycoplasma mycoides subsp. Caprae vaccine and preparation method thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114982866 A 20220902	Ningxia Jiusheng Animal Husbandry Tech Research Institute Co Ltd	China	Premixed feed additive capable of improving diarrhea of young animals and preparation method thereof
CN 114921418 A 20220819	Jinhe Youben Biological Products Co Ltd	China	Hybridoma cell strain 1D3 of O-type foot-and-mouth disease virus-like particle monoclonal antibody, kit and detection method
	Hangzhou Uben Animal Vaccine Co Ltd		

VT Porcino



Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114848807 A 20220805	Luoyang Saiwei Bio Tech Co Ltd	China	Preparing propolis adjuvant composition preparing medicine for preventing diseases caused by porcine reproductive and respiratory syndrome virus infection comprises preparing adjuvant composition into particles by emulsification of each component through high energy source
MY 190159 A 20220331	Univ Putra Malaysia	Malaysia	The method is useful for purifying niv virus antigens, which are used for developing a rapid serological diagnostic reagent of the virus to determine the presence of anti-niv antibodies in swine farms.
KR 20220158305 A 20221201	Rural Dev Administration	South Korea	Method for monitoring African swine fever infections of farm-raised pigs and wild boars
CN 114504578 A 20220517	Suzhou Wanwang Shanwangshui Biological Medicine Ltd Company	China	Medicine for treating and preventing related diseases caused by virus infection and application thereof
CN 114807178 A 20220729	Inst Animal Health Guangdong Academy Agricultural Sciences	China	C-terminal multi-epitope recombinant antigen of African swine fever virus P72 protein and application of C-terminal multi-epitope recombinant antigen
CN 114917332 A 20220819	Zhaofenghua Biotechnology Fuzhou Co Ltd	China	Combined immunization method of porcine reproductive and respiratory syndrome inactivated vaccine and rabbit-derived swine fever live vaccine
	Zhaofenghua Biotechnology Nanjing Co Ltd		
	Beijing Biomedical Tech Center Zhaofenghua Biotech Nanjing Co Ltd		
	Beijing Kemufeng Biological Pharmaceutical Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
DE 102021202830 A1 20220929	Gelita Ag	Germany	Use of recombinant type II collagen is claimed in a therapeutic method for oral therapy of cartilage disorders in a human or animal patient.
CN 114588137 A 20220607	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Application of triclosan in preparation of medicine for killing parasitic nematodes
WO 2022192162 A1 20220915	Fox Chase Chemical Diversity Center Inc	USA	New substituted amide compound used in composition for treating fungal infection
CN 114805500 A 20220729	Lanzhou Veterinary Res Inst Caas	China	Application of African swine fever virus I73R protein as immunosuppressor and construction of immunosuppressive site mutant strain
CN 114891678 A 20220812	Huaiyin Inst Technology	China	New Paenibacillus polymyxa CPL258 used in producing peptide with bacteriostatic action, nucleoside substance, antibacterial protein and antibiotic, preferably Colistin A; preparing biocontrol preparation or feed for preventing and treating porcine diarrhea disease
CN 114931648 A 20220823	Jinyu Baoling Bio Pharm Co Ltd	China	Heat-resistant protective agent useful for porcine epidemic diarrhea and porcine infectious gastroenteritis combined live vaccine, comprises sucrose, maltodextrin, ascorbic acid, polyvinylpyrrolidone, glycine, carboxymethyl cellulose and tryptone
CN 114891095 A 20220812	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	New nano-antibody pair useful for preparing kit for detecting porcine reproductive and respiratory syndrome virus antigen, comprises Nb12 nano-antibody and N35 nano-antibody
CN 114920817 A 20220819	Univ Huazhong Agricultural	China	New porcine interferon gamma 4 recombinant protein for preparing medicine for treating porcine epidemic diarrhea virus infection and blocking Gram-negative bacteria infection, encodes amino acid sequence

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114903986 A 20220816	Wuhan Keqian Biological Co Ltd	China	Streptococcus suis three-component vaccine and preparation method thereof
CN 114917251 A 20220819	Fujian Vocational College Agriculture	China	Preparation method of pig placenta transfer factor
	Present Fuzhou Bio Tech Co Ltd		
	Fujian Xingbang Biotechnology Co Ltd		
	Fuzhou Zhongwei Biological Tech Co Ltd		
	Fujian Fuyu Agricultural Tech Development Co Ltd		
WO 2022204126 A1 20220929	Cleveland Clinic Found	USA	Treating subject being infected with RNA virus chosen from severe acute respiratory syndrome coronavirus 2 or other coronavirus, by administering composition comprising cytidine deaminase inhibitor
CN 114874995 A 20220809	Univ Zhejiang	China	New hybridoma cell strain 9B1 of swine fever virus 2 type Erns protein for identifying detection of CSFV2 type strain infected pig
WO 2022212499 A1 20221006	Univ Arizona State	USA	New recombinant NYVAC vector comprising promoter operably connected to translation enhancing element and polynucleotide encoding severe acute respiratory syndrome coronavirus 2 antigen and polynucleotide encoding C7L
CN 114732783 A 20220712	Xiamen Huiying Animal Pharmaceutical Co Ltd	China	Doxycycline hydrochloride solution for treating colibacillosis, salmonellosis, pasteurellosis and respiratory diseases caused by mycoplasma of pigs and chickens caused by gram-positive bacteria and gram-negative bacteria; and bacterial diseases of aquatic animals caused by vibrio, Aeromonas hydrophila, and Edwardsiella
CN 114814210 A 20220729	Shandong Sinder Tech Co Ltd	China	Fluorescence immunoassay kit for detecting PCV3
	Shandong Xinda Gene Tech Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022204431 A1 20220929	Anavex Life Sciences Corp	USA	Inhibiting or preventing coronavirus infection, treating coronavirus disease and alleviating or ameliorating symptoms related to coronavirus disease in patient, involves administering to patient, diphenyl compound
	Missling Christopher U		
KR 20220139705 A 20221017	Republic Korea Animal & Plant Quarantine Agency	South Korea	New peptide comprising amino acids useful as immunogenic composition, medicine composition and feed composition for preventing and treating porcine reproductive and respiratory syndrome disease in pig
PH 12018501183 A1 20190128	Agricultural Tech Res Inst	China	Making composition comprising capsid protein by using novel arabinose-induced expression vector, improving the synthesis efficiency of porcine circovirus type 2 capsid protein and combining capsid protein and other favorable components
CN 114933639 A 20220823	Lanzhou Veterinary Res Inst China Agric	China	African swine fever virus p72n epitope protein for preparing reagent for detecting African swine fever virus antibodies
WO 2022187491 A1 20220909	The Texas A& M Univ System	USA	New substituted N-ethyl-2-formamidoacetamide compounds are cysteine protease inhibitors useful for treating e.g. Avian coronavirus, porcine coronavirus, Porcine epidemic diarrhea virus, human coronavirus 229E and human coronavirus-OC43
	Univ Texas		
CN 114790448 A 20220726	Univ Huazhong Agricultural	China	Porcine delta coronavirus virulent strain and application thereof in vaccine preparation
CN 114869884 A 20220809	Jiangsu H F Q Biological Tech Co Ltd	China	Compound for amoxicillin powder for porcine respiratory diseases and preparation method of compound amoxicillin powder

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022186661 A1 20220909	Innovac	South Korea	Multivalent vaccine composition useful for preventing porcine Mycoplasma infection and porcine circovirus infection, contains porcine Mycoplasma hyopneumoniae strain, and recombinant protein derived from porcine circovirus type 2
	Knu Industry Cooperation Found		
KR 20220126619 A 20220916	Orapharm Inc	South Korea	The composition is useful as medicine for preventing and treating upper respiratory tract infection virus including human respiratory syncytial virus, human influenza A and rotavirus A disease caused by flu, cold, sore throat, bronchitis, pneumonia, bird flu and swine flu
CN 114891705 A 20220812	Univ Northeast Agricultural	China	New acid-producing Lactobacillus reuteri strain XYJ-MZ056N useful in probiotic formulation for preventing weaning diarrhea in piglets
CN 114835822 A 20220802	Zhejiang Hongsheng Biotechnology Co Ltd	China	New protein, which is formed by connecting fusion protein classical swine fever virus envelope glycoprotein E2 (CSFVE2)-spyttag-higg and fusion protein CRM197-spycatcher-ligg useful for preparing product for preventing swine fever
CN 115105248 A 20220927	Zhang Rongwu	China	Nucleic acid extractor for livestock epidemic prevention
	Qi Faye		
	Li Li		
CN 114958777 A 20220830	Qingdao Haier Biomedical Co Ltd	China	Separation and purification of coronavirus-porcine epidemic diarrhoea virus used for preparation of tissue inactivated vaccine involves culturing Vero cell, freezing cells, harvesting virus, freeze-thawing virus, and transferring virus
CN 115006390 A 20220906	Sinopharm Animal Health Co Ltd	China	Virus - attenuated formulation for reducing and treating toxicity of porcine reproductive and respiratory syndrome virus, comprises podocarpic acid, statins and hydroxycitric acid

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115137736 A 20221004	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Use of cytarabine or its salt, hydrate, solvate or isotope substitution in preparation of medicine for preventing or treating African swine fever virus or African swine fever virus DNA polymerase inhibitor
	Shenzhen Zhiyao Information Tech Co Ltd		
CN 115136963 A 20221004	Wuhan Tianchu Biotechnology Co Ltd	China	The acidic dry powder disinfectant is used for preparing a formulation for killing Escherichia coli, Salmonella, Staphylococcus aureus, porcine epidemic diarrhea virus and African swine fever virus
	Huazhong Agricultural Univ		
CN 115260297 A 20221101	Yangzhou Uni-Bio Pharm Co Ltd	China	Purifying porcine circovirus type 3 virus-like particles, by clarifying culture expressing porcine circovirus type 3 virus-like particles, eluting chromatographic column with second buffer, and collecting flow-through peak and elution peak
CN 114957489 A 20220830	Gansu Inst Of Animal Husbandry Veterinary Medicine	China	Porcine rotavirus recombinant protein and application thereof
CN 114984010 A 20220902	Genlfarm Guangzhou Tech Inc	China	Application of isoquinoline compound in preparation of product for resisting porcine respiratory and reproductive syndrome virus
	Xinyuan Guangzhou Pharmaceutical Res Co Ltd		
CN 115043913 A 20220913	Sinopharm Animal Health Co Ltd	China	New protein composition useful for preparing a preparation and vaccine for triggering immune response of an organism to porcine reproductive and respiratory syndrome virus, comprises glycoprotein 5 protein and glycoprotein 234 protein
CN 115093467 A 20220923	Univ Guangxi	China	Recombinant porcine enterovirus G-type VP2 and VP3 protein polyclonal antibody and indirect ELISA detection method
CN 115109125 A 20220927	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	African swine fever virus K205R protein specific B cell epitope polypeptide and application thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115192599 A 20221018	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Application of gamithromycin in preparation of preparation for treating African swine fever
CN 115282173 A 20221104	Univ Guangxi	China	The method is used for extracting purslane organic acid extract for preparing medicines for resisting Staphylococcus aureus, and treating mastitis or dermatitis in humans and animals (all claimed), and specifically treating mastitis in dairy cows and dermatitis in piglets.
CN 115073563 A 20220920	Sinopharm Animal Health Co Ltd	China	New GP234 recombinant protein for use in preparation of preparations for eliciting immune responses of organisms to porcine reproductive and respiratory syndrome virus
CN 115161287 A 20221011	China Agricultural Univ	China	Recombinant porcine reproductive and respiratory syndrome virus and construction method and application thereof
WO 2022218274 A1 20221020	Shanghai Inst Materia Medica Cas	China	New substituted dioxolane-based compound useful as medicine for preventing, treating and alleviating diseases caused by viral infections including coronavirus including e.g. Severe acute respiratory syndrome coronavirus
CN 115074372 A 20220920	Zhejiang Novo Biotech Co Ltd	China	Recombinant African swine fever virus J18L subunit protein as well as preparation method and application thereof
CN 115433731 A 20221206	Qingdao Xingmu Animal Husbandry Technolo	China	Use of RNA exonuclease 2 for inhibiting porcine reproductive and respiratory syndrome virus replication for use in small interfering RNA, kit, preparation of drugs for preventing and treating porcine reproductive and respiratory syndrome virus
CN 114935655 A 20220823	Univ Anhui Agricultural	China	Porcine IL-17 latex enhanced immunoturbidimetry detection kit and preparation and use method thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114931586 A 20220823	Zhejiang Keruite Biotechnology Co Ltd	China	The povidone-iodine solution is useful for disinfecting surgical sites, skin and mucous membranes and treating skin diseases, treating bacterial diseases e.g. Livestock and poultry intestinal diseases, diarrhea, yellow and white dysentery, and endometritis.
	Ningbo Creator Animal Pharmacy Co Ltd		
CN 114958776 A 20220830	Tiankang Pharmaceutical Suzhou Co Ltd	China	New hybridoma cell strain 1A6 useful for preparation of product for detecting porcine circovirus type 2 or its capsid protein for non-diagnostic and therapeutic purposes
CN 115010812 A 20220906	Henan Longxing Biotechnology Co Ltd	China	African swine fever antigen-mediated cellular immune polymer and application thereof
	Henan Bioengineering Res Center		
CN 115154595 A 20221011	Sinopharm Animal Health Co Ltd	China	Preparation method of nanostructure lipid carrier adjuvant and veterinary vaccine
	Wuhan Polytechnic Univ		
CN 115160411 A 20221011	Shanghai Veterinary Res Institute Chinese Academy Of Agricultural Sciences	China	Screening, preparation and application of dominant antigen of African swine fever virus
CN 115317572 A 20221111	Shandong Unovet Pharm Co Ltd	China	Medicine used for treating porcine blue-ear disease
CN 114934020 A 20220823	Shandong Binzhou Animal Science & Veterinary Medicine Acad	China	New porcine retinal epithelial cell line useful for e.g. Producing porcine circovirus vaccine, porcine diarrhea vaccine and porcine pseudorabies vaccine, and studying porcine circovirus, porcine diarrhea virus and porcine pseudorabies virus
CN 115028688 A 20220909	Shandong Sinder Tech Co Ltd	China	New porcine circovirus 3 capsid protein (PCV3 Cap) antigenic peptide useful for preparing antibody or immunohistochemical kit for detecting PCV3 in clinical PCV3-infected pig tissue samples for determining PCV3 infection
	Shandong Xinda Gene Tech Co Ltd		
WO 2022211482 A1 20221006	Iac In Nat Univ Chungnam	South Korea	New linker peptide useful in vaccine composition for preventing or treating infectious viral disease, comprises specific amino acid sequence

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022256695 A1 20221208	Mazen Animal Health Inc	USA	The method and composition is useful for: providing passive immunity protection to an animal from the effects of coronavirus introduction, where the coronavirus is PEDV; reducing inflammatory cytokine response in an animal, where the animal is a dam; the dam passes protection to her piglets
CN 115073557 A 20220920	Zhejiang Novo Biotech Co Ltd	China	Recombinant high-purity African swine fever virus pk205r subunit protein as well as preparation method and application thereof
CN 115073562 A 20220920	Sinopharm Animal Health Co Ltd	China	GP5 protein for use in preparation of preparations for eliciting immune responses of organisms to porcine reproductive and respiratory syndrome virus, has active portion of GP5 protein
CN 114921352 A 20220819	Jilin Acad Agricultural Sciences	China	Rhodotorula mucilaginosa JAASRY1 as well as fermentation culture for livestock and poultry to enhance immunity.
CN 115105590 A 20220927	Luoyang Saiwei Bio Tech Co Ltd	China	Adjuvant composition, preparation method thereof and pig vaccine
CN 115025212 A 20220909	Tiankang Pharmaceutical Suzhou Co Ltd	China	MRNA vaccine for preventing porcine reproductive and respiratory syndrome and preparation method thereof
CN 115073558 A 20220920	Zhejiang Novo Biotech Co Ltd	China	Recombinant African swine fever virus DP96R subunit protein as well as preparation method and application thereof
CN 114966013 A 20220830	China Animal Husbandry Ind Co Ltd	China	Enzyme linked immunosorbent assay kit for detecting African swine fever virus antigen and application of enzyme linked immunosorbent assay kit
CN 115109800 A 20220927	Univ Jilin	China	Preparation method of swine transmissible gastroenteritis vaccine taking bacterial-like particles for pigs as carrier
CN 114868703 A 20220809	Hangzhou Original Seed Farm	China	Method for preventing swine fever infection of live pigs

Nº de publicación	Solicitante	País de Origen	Contenido técnico
US 11524940 B1 20221213	Pardes Biosciences Inc	USA	New amino compound for ameliorating or treating viral infection, where virus is e.g. RNA virus, DNA virus, papillomavirus, picornavirus, influenza virus, adenovirus, polyomavirus, poxvirus, flavivirus, alphavirus, Ebola virus, morbillivirus, enterovirus, lentivirus, arenavirus, and herpes virus
CN 115094088 A 20220923	Univ South China Agricult	China	The psfv-flagx-CMV replicon plasmid efficiently expresses the ASFV antigen protein in eukaryotic cells, which is beneficial to the development of the African swine fever cocktail DNA vaccine
	Huanong Zhaoqing Biological Industry Tech Research Institute Co Ltd		
WO 2022221686 A1 20221020	Pardes Biosciences Inc	USA	New substituted 2 - a m i n o a c e t a m i d e compound used for e.g. Preventing or treating viral infection caused by virus e.g. RNA virus, DNA virus, coronavirus, papillomavirus, pneumovirus, picornavirus, influenza virus, adenovirus, c y t o m e g a l o v i r u s , p o l y o m a v i r u s , poxvirus and flavivirus
KR 20220152960 A 20221117	Innovac	South Korea	New cold-adapted attenuated porcine reproductive and respiratory syndrome virus useful in vaccine composition for preventing and immunizing against porcine reproductive and respiratory syndrome
CN 114853905 A 20220805	Chengnuo Regenerative Medicine Tech Zhuhai Hengqin New Area Co Ltd	China	Scheme for treating tumors through combined use of gene modified NK cells and antibodies
CN 114921423 A 20220819	Univ South China Agricult	China	New multi-medicine-resistant Salmonella Kentucky virulent phage useful for preparing bactericide and antibacterial agent to reduce Salmonella Kentucky contamination in livestock and poultry production chain
CN 114989266 A 20220902	Univ Huazhong Agricultural	China	African swine fever virus pa104r protein immunosuppression related amino acid site and application thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115054686 A 20220916	Fujian Vocational College Agriculture	China	Preparation of pig spleen transfer factor used for e.g. Improving immune level of pig cell, by mixing at least one of pig spleen transfer factor crude product to obtain pig spleen transfer factor primary product; using removing/inactivating virus method to remove virus
	Present Fuzhou Bio Tech Co Ltd		
	Fujian Xingbang Biotechnology Co Ltd		
	Fuzhou Zhongwei Biological Tech Co Ltd		
	Fujian Fuyu Agricultural Tech Development Co Ltd		
CN 114957454 A 20220830	Univ Qingdao Agricultural	China	New nanobody classical swine fever virus (CSFV)-E2-Nb1 against CSFV E2 protein useful for preparing reagent or blocking enzyme linked immune sorbent assay detection kit for detecting CSFV antibodies in pig serum
CN 115029323 A 20220909	Inst Animal Science & Veterinary Medicine Shandong Aas	China	Drug-resistant staphylococcus aureus bacteriophage SP160 and application thereof in preparation of bacteriostatic agent
CN 114957490 A 20220830	Longhu Modern Immunology Laboratory	China	New porcine circovirus type 2 (PCV2)-PCV3 fusion protein useful for preparing PCV2 and PCV3 Cap protein specific antibody medicine and PCV2/PCV3 subunit vaccine for stimulating animals to produce humoral immunity
	Univ Zhengzhou		
WO 2022228651 A1 20221103	Birkenmeier Gerd	Germany	Pyruvate esters for the treatment of viral diseases
CN 115232206 A 20221025	Chinese Peoples Liberation Army Acad Mil	China	New anti-cluster of differentiation 2v protein monoclonal antibody for use in pharmaceutical composition and preparation of kit for diagnosing, preventing and/or treating African swine fever virus, comprising 7B1 or 11H7 antibody, which comprises heavy chain and light chain variable regions

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114948909 A 20220830	Univ Guilin Technology	China	The method is used for preparing slow-release antibacterial agent for livestock, providing excellent antibacterial effect on Escherichia coli and Staphylococcus aureus, improving gastrointestinal colony environment, and reducing diarrhea disease caused by E.coli
CN 114940978 A 20220826	Univ Guangxi	China	Construction method of recombinant porcine reproductive and respiratory syndrome virus for expressing Getavirus E2 protein
WO 2022241666 A1 20221124	Inst Basic Medical Sciences Cams	China	The 3C-like protease targeting agent is useful in preparation of an antiviral or antiinflammatory drug, a virus inhibitor, and a disinfecting composition, where the virus is rhinovirus, coronavirus, adenovirus, influenza virus, parainfluenza virus, respiratory syncytial virus, echovirus, coxsackievirus, porcine epidemic diarrhea virus, foot-and-mouth disease virus, encephalomyocarditis virus; preferably, coronavirus
CN 115073608 A 20220920	Guangdong Haid Group Co Ltd	China	Use of Fd fragment as identification tag in preparation of classical swine fever virus subunit vaccine and/or nucleic acid vaccine for preventing or treating classical swine fever in intensive pig farms
	Guangdong Haid Animal Husbandry And Veterinary Res Institute Co Ltd		
CN 115368443 A 20221122	Univ Henan Agric	China	African swine fever virus CD2v protein B cell linear epitope used for preparing a reagent for detecting or preventing African swine fever virus, comprises amino acid sequence, and studies function of intracellular region of CD2v protein and establishes serological diagnostic method

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114948915 A 20220830	Inst Animal Health Guangdong Academy Agricultural Sciences	China	Application of thymoquinone in preparation of medicine for resisting haemophilus parasuis
CN 115068452 A 20220920	Univ Huazhong Agricultural	China	Application of aloe-emodin in preparation of medicine for preventing and treating African swine fever
CN 115350206 A 20221118	Guangdong Acad Agric Sci Animal Health	China	Use of nanosilver in resisting porcine reproductive and respiratory syndrome virus capable of causing porcine reproductive and respiratory syndrome by directly inactivating virus, inhibiting virus adhesion to cells of pathogen, and inhibiting invasion and virus proliferation
CN 114921495 A 20220819	Lanzhou Veterinary Res Inst Caas	China	Preparation of swine fever virus-like particle vaccine involves transfecting gene encoding complete swine fever virus structural protein to mammal cell through recombinant vector, propagating recombinant virus, infecting insect cell and preventing swine fever
WO 2022201035 A1 20220929	Igy Immune Tech And Life Sciences Inc	Canada	Treating African swine fever (ASF) viral infection in infected pig/wild boar includes administering composition comprising water-soluble fraction of egg yolk (from egg-laying fowl administered with ASF virus particles) to infected pig/boar
WO 2022239605 A1 20221117	Grafton Inc	Japan	Agent useful for providing virucidal effect against e.g. Severe acute respiratory syndrome coronavirus-2 and Porcine epidemic diarrhea virus, comprises virucidal component
CN 114917241 A 20220819	Inst For Viral Disease Control And Prevention Chinese Center For Disease Control And Prevention	China	Use of rhamnoside in preparing anti-influenza virus medicine for preventing and/or treating influenza, where influenza virus comprises influenza A virus, which comprises influenza A virus swine flu, which can effectively inhibiting replication and proliferation of influenza virus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115073591 A 20220920	Inst Military Medicine Academy Military Sciences Pla	China	New monoclonal antibody useful for e.g. Identifying African swine fever virus (ASFV) outer membrane protein glycosylation modification and treating ASFV, comprises heavy and light chain variable region complementarity determining regions
CN 115025091 A 20220909	Univ Nanjing Agricultural	China	Application of liensinine in preparation of medicine for resisting African swine fever virus
KR 20220150507 A 20221111	Republic Korea Animal & Plant Quarantine Agency	South Korea	New Korean type II GBGJ22 strain useful in medicine for preventing and treating porcine reproductive and respiratory syndrome (PRRS) by administrating into pig, and diagnosing PRRS containing primers or probes
KR 20220150506 A 20221111	Republic Korea Animal & Plant Quarantine Agency	South Korea	New Korean type II CBJE19 strain useful in medicine for preventing and treating porcine reproductive and respiratory syndrome (PRRS) by administrating into pig, and diagnosing PRRS containing primers or probes
WO 2022245136 A1 20221124	Anygen Co Ltd	South Korea	The composition is useful in health functional food composition for preventing or treating a viral infection, and/or providing antiviral activity against at least one chosen from coronavirus, influenza virus, porcine epidemic diarrhea virus, bovine rotavirus, porcine Sapovirus, porcine reproductive and respiratory syndrome virus
KR 20220150505 A 20221111	Republic Korea Animal & Plant Quarantine Agency	South Korea	New porcine reproductive and respiratory syndrome virus (PRRSV) domestic North American type II strain GGYC45 useful in vaccine composition for preventing or treating PRRS in pig

Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 102450481 B1 20221006	Bionote Inc	South Korea	New antibody or its antigen-binding fragment capable of specifically binding to classical swine fever virus, comprising heavy and light chain variable region comprising complementarity determining regions, used in composition or kit for detecting classical swine fever virus
	Republic Korea Animal & Plant Quarantine Agency		
KR 102451145 B1 20221006	Qvet	South Korea	The composition is useful for preventing and treating viral infection caused by porcine reproductive and respiratory syndrome virus, porcine epidemic diarrhea virus, and feline coronavirus in mammals and poultry
KR 20220133632 A 20221005	Iac In Nat Univ Chungnam	South Korea	New recombinant protein useful in vaccine composition for preventing porcine epidemic diarrhea virus infection in cattle comprises protein derived from porcine epidemic diarrhea virus spike protein S1, and protein derived from ferritin
US 2022331356 A1 20221020	Purina Animal Nutrition Llc	USA	Reducing Cryptosporidium spp. In liquid animal feed involves providing liquid animal feed admixed with hydrogen peroxide-generating composition
KR 20220135920 A 20221007	Iac In Nat Univ Chungnam	South Korea	Monoclonal antibody specific to spike protein of Porcine epidemic diarrhea virus and use thereof
CN 114921418 A 20220819	Jinhe Youben Biological Products Co Ltd	China	Hybridoma cell strain 1D3 of O-type foot-and-mouth disease virus-like particle monoclonal antibody, kit and detection method
	Hangzhou Uben Animal Vaccine Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115074334 A 20220920	Xiajin Xinxiwang Liuhe Agriculture And Animal Husbandry Co Ltd	China	Porcine epidemic diarrhea virus strain, multiplication culture method, vaccine composition prepared from porcine epidemic diarrhea virus strain, preparation method and application of vaccine composition
	Luoyang Huizhong Biotech Co Ltd		
	New Hope Liuhe Co Ltd		
	Shandong Newhope Liuhe Group		
	Qingdao Jiazhi Biotechnology Co Ltd		
	Yan Zhichun		
	Li Xiaowen		
CN 114751963 A 20220715	Univ Nanjing Agricultural	China	Protein for detecting foot and mouth disease virus antibody and application thereof
WO 2022223824 A1 20221027	Philogen Spa	Italy	New antibody molecule that binds human, canine, ovine and porcine fibroblast activation protein useful

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Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20220132406 A 20220930	Seoul Nat Univ R&Db Foundation	South Korea	New low pathogenic H9N2 strain avian influenza recombinant virus e.g. As composition for diagnosis avian influenza virus, comprises e.g. Polymerase basic protein 2 from A/chicken/Korea/01310/01, and polymerase B1 from A/Puerto Rico/8/1934
	Kbnp Inc		
DE 102021202830 A1 20220929	Gelita Ag	Germany	Use of recombinant type II collagen is claimed in a therapeutic method for oral therapy of cartilage disorders in a human or animal patient.
WO 2022216731 A1 20221013	Univ Maryland	USA	Salmonella vaccine
KR 20220135508 A 20221007	Iac In Nat Univ Chungnam	South Korea	HA Monoclonal antibody specific to HA of avian influenza virus and use thereof
CN 114681490 A 20220701	Triding Emerging Biotechnology Tianjin Ltd Company	China	Preparation method of anti-Newcastle disease transfer factor
CN 114891857 A 20220812	Shandong Hekangyuan Biological Breeding Co Ltd	China	Method for collecting and detecting disease material of common vertically-transmitted pathogens of one-day-old breed ducks
	Ningyang Zhenghe Biological Breeding Co Ltd		
	Shandong Ningyang Heying Duck Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022212716 A1 20221006	Ohio State Innovation Foundation	USA	The composition is useful for treating or preventing a bacterial infection in a subject, where the bacterial infection is caused by a bacterial overgrowth, where the bacterial infection is caused by an Escherichia colibacterium.
KR 20220134191 A 20221005	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Berberine Composition for prevention or treatment of coccidiosis on chickens including berberine
	Nat Univ Gyeongsang Iacf		
CN 114886856 A 20220812	Shanxi Furen Hengfeng Pharmaceutical Co Ltd	China	Preparation of oseltamivir nano dry suspension used for treating influenza A H1N1 influenza virus, influenza B virus and avian influenza i n f l u e n z a
JP 2022174692 A 20221124	Univ Hokkaido Vaxxinova Japan Kk	Japan	Vaccine composition useful for eliciting a specific immune response against red mites in livestock i.e. Chicken, comprises polypeptide having specific amino acid s e q u e n c e
CN 114774373 A 20220722	Beijing Acad Agric & Forestry	China	Carrier pigeon Newcastle disease virus genetic engineering modified attenuated strain as well as preparation method and application thereof
	Beijing Zhonghai Biotech Co Ltd		
CN 114831937 A 20220802	Univ China Agricultural	China	Chrysophanol methyl ether micro-emulsion used in e.g. Preparing bacteriostatic agent or antibacterial medicine for preventing and treating respiratory disease of livestock and poultry

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114805316 A 20220729	Univ China Pharma	China	Diketone nitrogen heterocyclic compound useful in viral infectious diseases including influenza A virus, influenza B virus, spanish flu virus, arena virus, bunya virus, rabies virus, avian influenza virus
CN 114917330 A 20220819	Tianjin Naer Biotechnology Co Ltd	China	Preparation method and application of immune solution for preventing and treating coccidiosis of broiler chickens
	Univ Tianjin Science & Tech		
CN 114836390 A 20220802	Univ South China Agricult	China	H9N2 subtype avian influenza virus MDCK (Madin Darby Canine Kidney) cell cold-adapted attenuated live vaccine strain as well as culture method and application thereof
CN 114732783 A 20220712	Xiamen Huiying Animal Pharmaceutical Co Ltd	China	Doxycycline hydrochloride solution for treating colibacillosis, salmonellosis, pasteurellosis and respiratory diseases caused by mycoplasma of pigs and chickens caused by gram-positive bacteria and gram-negative bacteria; and bacterial diseases of aquatic animals caused by vibrio, Aeromonas hydrophila, and Edwardsiella
WO 2022204431 A1 20220929	Anavex Life Sciences Corp	USA	Inhibiting or preventing coronavirus infection, treating coronavirus disease and alleviating or ameliorating symptoms related to coronavirus disease in patient, involves administering to patient, diphenyl compound
	Missling Christopher U		
CN 114685574 A 20220701	Shanghai Inst Of Medicine Of Chinese Academy Of	China	New polyphenol derivative, pharmaceutical salt, stereoisomer, composition used for preparing antiviral drugs for treating herpes virus, bacteriophage virus, avian influenza virus, Zika virus, dengue fever virus, respiratory syncytial virus, Ebola virus, rhinovirus, poliovirus, rotavirus
	Shanghai Specialized Medical Science And Tech Limited Company		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022187491 A1 20220909	The Texas A& M Univ System	USA	New substituted N-ethyl-2-formamidoacetamide compounds are cysteine protease inhibitors useful for treating e.g. Avian coronavirus, porcine coronavirus, Porcine epidemic diarrhea virus, human coronavirus229Eand human coronavirus-OC43
	Univ Texas		
KR 20220126619 A 20220916	Orapharm Inc	South Korea	The composition is useful as medicine for preventing and treating upper respiratory tract infection virus including human respiratory syncytial virus, human influenza A and rotavirus A disease caused by flu, cold, sore throat, bronchitis, pneumonia, bird flu and swine flu
WO 2022214826 A1 20221013	Aparon Ltd	United Kingdom	New bacteriophage being capable of lysing Clostridium perfringens, and comprising genome having specific base pair sequence, useful for preparing animal feed, preferably chicken feed as medicament or for use in therapy for treating disease caused by Clostridium perfringens
CN 114752541 A 20220715	Univ Foshan	China	Construction method and application of mycoplasma gallisepticum infected chicken model
CN 115261391 A 20221101	Foshan Standard Biotech Co Ltd	China	New nucleic acid molecule encoding Eimeria poisonous SAG7 protein for use in preparation of coccidiosis treating medicine and/or vaccine, where Eimeria SAG7 antigen subunit vaccine is prepared by constructing recombinant vector containing nucleic acid molecule encoding Eimeria SAG7 protein
KR 20220159912 A 20221205	Univ Seoul Nat R & Db Found	China	New Salmonella gallinarum strain in which rfaj gene is deleted, useful as vaccine composition and feed composition for preventing typhus of poultry including chicken, duck, turkey, geese, quails, pheasants and geese
	Geniner Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022228652 A1 20221103	Birkenmeier Gerd	Germany	New ketone derivative compound used as antiviral agent in pharmaceutical composition for disinfecting substrate against viruses and for treating and/or prophylaxis of virus infection
US 2022282279 A1 20220908	Gumrukcu Serhat	USA	Recombinant nucleic acid molecule or construct for plasmid, lipid nanoparticle, and a pharmaceutical composition, is used in treating a viral infection in a subject in need
CN 115161294 A 20221011	Inst Of Animal Health Guangdong Academy Of Agricultural Sciences	China	Newcastle disease vaccine strain, construction method thereof, poultry immune recognition method and application
	Zhejiang Difurunsi Biotechnology Co Ltd		
	South China Agricultural Univ		
	Guangdong Winsun Bio Pharmaceutical Co Ltd		
CN 114940955 A 20220826	Zhaofenghua Biotechnology Nanjing Co Ltd	China	Mycoplasma gallisepticum attenuated vaccine strain and application thereof
CN 115141179 A 20221004	Jiangsu Hengrui Medicine Co Ltd	China	New benzoheterocyclic derivative useful in e.g. Preparing medicines for treating or preventing neoplastic, influenza, viral pneumonia, endometrial tumor, diabetes, immune diseases, inflammatory diseases and estrogen receptor-mediated or dependent disease
	Shanghai Hengrui Pharmaceutical Co Ltd		
US 2022354942 A1 20221110	Univ Texas	USA	A t t e n u a t e d Flavivirusgenome used in protein genes, vaccines and immunogenic compositions, treating or preventing conditions such as Flavivirusinfection
CN 114931586 A 20220823	Zhejiang Keruite Biotechnology Co Ltd	China	Thepovidone-iodinesolution is useful for disinfecting surgical sites, skin and mucous membranes and treating skin diseases, treating bacterial diseases e.g. Livestock and poultry intestinal diseases, diarrhea, yellow and white dysentery, and endometritis.
	Ningbo Creator Animal Pharmacy Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20220138290 A 20221012	Republic Korea Animal & Plant Quarantine Agency	South Korea	Y280 H9N2 H9N2 A H9N2 Strain Genetic Recombinant Low Pathogenic Avian Influenza A Virus Manufacturing Method and Vaccine Composition Thereof Using H9N2 Avian Influenza Virus Belonging to Y280 Lineage
CN 115211496 A 20221021	Crop Res Inst Guangdong Acad Agric Scien	China	Use of kaempferol in preparation of chicken feed or medicine for resisting chicken coccidiosis caused by Eimeria, preferably Eimeria tenella
WO 2022203404 A1 20220929	Biopoa Inc	South Korea	New chimeric virus expressing surface antigens of avian Metapneumovirus (ampv) subtypes useful for immunizing avian against ampv infection, comprises Newcastle disease virus genome, and gene encoding surface antigen of ampv
CN 114853581 A 20220805	Univ South China Agricult	China	New diphenyl ether phenol derivative for preparing plant pathogenic bacteria agricultural bactericide and or poultry pathogenic colon bacillus antibacterial agent, where poultry pathogenic Escherichia coli is O78 serotype chicken c o l i b a c i l l o s i s
CN 114921352 A 20220819	Jilin Acad Agricultural Sciences	China	Rhodotorula mucilaginos a JAASRY1 as well as fermentation culture for livestock and poultry to enhance immunity.
CN 115105518 A 20220927	Crop Res Institute Guangdong Academy Of Agricultural Sciences	China	Use of asciferone A in preparing chicken feed or against medicine chicken coccidiosis, where pathogen of chicken coccidiosis is Eimeria, Eimeria is Eimeria t e n e l l a
CN 115400202 A 20221129	Hunan Perfect Biotechnology Co Ltd	China	Use of microcin is claimed for preventing poultry necrotic enteritis.
CN 115094008 A 20220923	Skystone Feed Yixing Co Ltd	China	Research and development method of biological antibacterial preparation for preventing and treating clostridium perfringens of poultry

Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20220128161 A 20220920	Univ Konkuk Ind Coop Corp	South Korea	The probiotic composition, feed composition, pharmaceutical composition, food composition or composition is useful for promoting poultry growth, and improving, preventing or treating poultry infectious disease.
CN 115261442 A 20221101	Qingdao Runda Biological Technology Co	China	Reducing the dosage of antibiotics used in bactericidal composition and poultry breeding.
CN 114921423 A 20220819	Univ South China Agricult	China	New multi medicine-resistant Salmonella Kentucky virulent phage useful for preparing bactericide and antibacterial agent to reduce Salmonella Kentucky contamination in livestock and poultry production chain
US 2022348960 A1 20221103	Univ Minnesota	USA	Isolated replication defective non-integrating segmented virus used for preventing, inhibiting or treating microbial infection in an animal, where animal is avian or mammal having bacterial infection, particularly Staphylococcus, Proteus, Listeria, or Pseudomonas infection, or animal has fungal infection
CN 115068600 A 20220920	Univ Fujian Agriculture & Forestry	China	Application of antiviral protein immunopotentiator in H9N2 avian influenza inactivated vaccine
WO 2022231402 A1 20221103	Seoul Nat Univ R&Db Foundation	South Korea	Composition for preparing avian cell for production of antiviral vaccine and composition for preparing virus-resistant avian cell
CN 115011562 A 20220906	Huanong Zhaoqing Biological Industry Tech Research Institute Co Ltd Univ South China Agricult	China	Newcastle disease and avian influenza bivalent vaccine and preparation method thereof
CN 115040499 A 20220913	Univ Beijing Agriculture	China	Application of tanshinol in preparation of medicine for treating or preventing H9N2 subtypeavianinfluenzavirus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115029291 A 20220909	Univ Liaocheng	China	Recombinant avian pasteurella multocida for expressing duck circovirus antigen Cap protein as well as preparation method and application of recombinant avian pasteurella multocida
	Univ Huazhong Agricultural		
WO 2022221602 A2 20221020	Univ Virginia Patent Foundation	USA	Treating and/or preventing disease, and/or condition associated with viral infection e.g. Lung damage, acute lung injury, and acute respiratory distress syndrome comprises, administering protein tyrosine phosphatase 4A3 inhibitor
	Old Dominion Univ		
	Old Dominion Univ Res Found		
WO 2022241579 A1 20221124	Phagelab Chile Spa	Chile	The antibacterial composition is useful for preparing medicine for preventing and treating infectious diseases caused by Salmonella spp., Salmonella serovars Infantis, Salmonella typhimurium, Salmonella serotype Worthington, Mbandaka, Anatum, Livingstone, Manhattan, Bredeney, Agona, San diego, caused by Salmonella in a non-human or farmed animal, Salmonella infections in poultry
KR 102451145 B1 20221006	Qvet	South Korea	The composition is useful for preventing and treating viral infection caused by porcine reproductive and respiratory syndrome virus, porcine epidemic diarrhea virus, and feline coronavirus in mammals and poultry
CN 115074347 A 20220920	Shandong Longchang Animal Health Product Co Ltd	China	New keratinase mutant useful for preparing feed for promoting growth and reducing diarrhea in animal and protecting stomach and intestines of animals and in poultry and livestock breeding

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Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114933997 A 20220823	Inst Tropical Bioscience & Biotechnology	China	Coral-derived symbiotic Streptomyces species SH001 used in biocontrol product and preparation of medicine for controlling aquatic pathogenic bacteria such as Photobacterium damsela, Vibrio alginolyticus, Streptococcus iniae and Streptococcus agalactiae
KR 20220134955 A 20221006	Seoul Nat Univ R&Db Foundation	South Korea	Novel Compounds and Compositions for anti-virulence against Vibrio spp. The treatment of Vibrio infectious diseases or inhibition of Vibrio biofilm formation
CN 114908029 A 20220816	Pearl River Fishery Res Inst Cafs	China	Construction and application of II type grass carp reovirus VP6 recombinant lactic acid bacteria
WO 2022186384 A1 20220909	National Univ Corporation Tokyo Univ Of Marine Science And Technology	Japan	Composition useful as vaccine for controlling cyprinid herpesvirus-2 infection i.e. Herpes viral hematopoietic necrosis in Carassius auratus, Carassius auratus gibelio, Carassius auratus or Carassius auratus langsdorffii, comprises attenuated cyprinid herpesvirus-2
CN 114886879 A 20220812	Inst Med Biotechnology Cams	China	The method is useful for preparing liposome, which is useful in vaccine composition or feed composition for preventing or treating viral hemorrhagic septicemia in fish
CN 114917239 A 20220819	Univ Dalian Polytechnic	China	Application of pomegranate polyphenol in prevention and control of vibrio parahaemolyticus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20220130335 A 20220927	Republic Korea Nat Fisheries Res & Development Inst	South Korea	Fish Oral Vaccine Liposomes for preventing viral hemorrhagic septicemia and Preparation Method Thereof
CN 114748453 A 20220715	Hubei Zhizheng Tianchen Biotechnology Co Ltd	China	Bactericidal composition for preventing and treating diseases of aquaculture animals and application of bactericidal composition
CN 115181731 A 20221014	Qingdao No Antibiotics Biotechnology Co Ltd	China	Vibrio canbainii bacteriophage as well as preparation method and application thereof
CN 114875036 A 20220809	Univ Henan Normal	China	Yellow river carp antibacterial peptide hepcidin gene yeast expression product and application thereof
CN 115197919 A 20221018	Shenzhen Institutes Of Advanced Tech Chinese Academy Of Sciences	China	Vibrio phage composition as well as preparation method and application thereof
	Shenzhen Alpha Feed Group Co Ltd		
CN 115404182 A 20221129	Shenzhen Inst Advanced Technology	China	Composition of probiotics and bacteriophages for use in composite antibacterial preparation for inhibiting Vibrio parahaemolyticus in aquaculture, comprises Vibrio alginolyticus VA3, Halocynthiibacter, Psychrobacter, Ruegeria and bacteriophage vpc-1
	Shenzhen Alpha Group Co Ltd		
CN 115137023 A 20221004	Inst Of Animal Health Guangdong Academy Of Agricultural Sciences	China	Fish feed useful as antimicrobial infection medicine for treating Vibrio parahaemolyticus, Vibrio alginolyticus and Escherichia coli infections in Lates calcarifer, Micropterus salmoides and shrimps, comprises deep fermented soybean pulp as feed additive
	Guangdong Tejiao Biotechnology Co Ltd		
CN 115161290 A 20221011	Qingdao Bioantai Biotechnology Co Ltd	China	New Vibrio alginolyticus bacteriophage strain PVA8 for preparing antibacterial agent for treating Vibrio alginolyticus and for treating contamination caused by Vibrio cholerae and Vibrio fluvius in aquaculture, is preserved in China General Microbiological Culture Collection Center
	Qingdao Marine Biomedical Res Institute Co Ltd		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114957429 A 20220830	Univ Xiamen Xiamen Haijiacheng Biotechnology Co Ltd	China	New mud crab antibacterial polypeptide scyrophemin60-81 useful for preparing antibacterial composition, antifungal composition and aquatic feed additive for inhibiting e.g. Staphylococcus aureus, Aspergillus niger and Vibrio harveyi
CN 115044524 A 20220913	Univ Shandong	China	Genetically engineered recombinant lactic acid bacteria in anti-Vibrio mimicus infection aspect, and preparing anti-Vibrio mimicus infection product such as medicine or aquaculture feed, is modified to have outer membrane protein U, outer membrane protein K and cholera enterotoxin expression
CN 114958676 A 20220830	Univ Yangzhou	China	The method is useful for preparation of Bacillus fermented product which is used for preparation of antibacterial composition. The bacteria comprise Escherichia coli, Aeromonas veromonas, A. hydrophila, Staphylococcus aureus, Klebsiella and Vibrio cholerae
CN 115010798 A 20220906	Yellow Sea Fisheries Res Inst Chinese Acad Fishery Sciences	China	The spotted knifejaw hepcidin peptide is useful for preparing bacteriostatic agent, medicine or feed additive for preventing and treating bacterial disease (all claimed) in aquaculture by inhibiting Gram-negative bacteria such as Vibrio harveyi, E. coli, Edwardsiella tarda and V. anguillarum and Gram-positive bacteria, such as Staphylococcus aureus, and as alternative product of antibiotic.
BR 102020016759 A2 20220524	Univ Estadual Londrina	Brazil	Identifying and validating autochthonous probiotics from Enterococcus faecium used e.g. For controlling bacteriosis in tilapia by incubating feces and intestines of healthy tilapia, isolating colonies, testing and measuring inhibition halo

Nº de publicación	Solicitante	País de Origen	Contenido técnico
JP 2022164552 A 20221027	Nagaura Y	Japan	Method useful for treating diseases that occur in farmed fish e.g. Iridovirus disease, infectious hematopoietic necrosis (IHN), erythrocyte inclusion body syndrome (EIBS), α -hemolytic streptococci and cold water disease, and myxosporidial wilt.

VT Apicultura



Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114712370 A 20220708	Inst Bast Fiber Crops Caas	China	Use of tomatine in preparing medicine for resisting Israeli acute paralysis virus by inhibiting paralysis virus replication, and inhibiting bee mortality due to virus infection



VTÉquidos

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022212399 A1 20221006	Spallitta Frank Anthony	USA	Treating clinical symptom and/or transmission risk associated with pathogen in an individual comprises administering an acetylcholinesterase inhibitor to the individual having the clinical symptom to inactivate Demodex mites
WO 2022243650 A1 20221124	Centre Nat Rech Scient	France	New 3,5-diphenyl-1H-pyrrolo(2,3-b)pyridine compound used in pharmaceutical composition for prevention and/or treatment of viral infection
WO 2022221519 A1 20221020	Memorial Sloan Kettering Cancer Center	USA	Treating viral infection, and/or reducing or inhibiting translation initiation of mRNA of virus in host cell or organism infected by virus by administering pharmaceutical composition comprising synthetic rocaglate composition or its salt
	Philipps Univ Marburg	Germany	
US 2022354942 A1 20221110	Univ Texas	USA	Attenuated Flavivirus genome used in protein genes, vaccines and immunogenic compositions, treating or preventing conditions such as Flavivirus infection

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022207793 A1 20221006	Vib Vzw	Belgium	The vaccine composition is useful for treating or preventing a mammal from an infection of a pathogen species belonging to the family of Trypanosomatidae chosen from Trypanosoma, preferably of T.brucei gambiense, T.brucei, T.brucei rhodesiense, T. congolense, T.vivax, T.evansi, T.equiperdumand T.cruzi, or Leishmania, preferably L.majoror L.infantum
	Univ Brussel Vrije		
	Univ Antwerpen		
WO 2022223968 A1 20221027	Noordeen Mohamed Hamza	United Kingdom	Use of vitamin A, in production of medicament for inhibiting scar tissue formation and treating tissue damage or injury e.g. Traumatic injury, neurological injury (spinal cord injury or peripheral nerve injury), and soft tissue injury
CN 114948950 A 20220830	Guangzhou Gusen Pharmaceutical Co Ltd	China	Pharmaceutical composition used in preparation of drug for treating viral diseases caused by SARS-cov, new SARS-cov-2, Middle East respiratory syndrome (MERS) coronavirus, influenza A and B viruses, Eastern equine encephalitis virus, Western equine encephalitis virus, Venezuelan equine encephalitis virus, chikungunya virus, orthomyxoviridae or paramyxoviridae virus, respiratory syncytial virus (RSV), and Ebola virus
WO 2022243648 A1 20221124	Centre Nat Rech Scient	France	New substituted azaindole used in pharmaceutical composition for preventing and/or treating viral infections caused by Flavivirus, such as dengue virus, Zika virus, West Nile virus and Kunjin virus, Alphavirus, such as Chikungunya virus, Mayaro virus, Semliki Forest virus, Sindbis virus, Eastern equine encephalitis virus, Western equine encephalitis virus and Venezuelan equine encephalitis virus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114948982 A 20220830	Guangzhou Gusen Pharmaceutical Co Ltd	China	Pharmaceutical composition for preparing medicament against e.g. Severe acute respiratory syndrome coronavirus 2, Middle East respiratory syndrome coronavirus, influenza A virus, eastern equine encephalitis virus and Ebola virus, comprises deuterated cyano compound and deuterated cytidine derivative
CN 115089608 A 20220923	Univ Jilin	China	Establishing standard manure transplantation in horse for treating multiple diseases in horse clinic comprises diarrhea, enteritis, hoof inflammation, irritable bowel syndrome, and viral hepatitis
CN 114853905 A 20220805	Chengnuo Regenerative Medicine Tech Zhuhai Hengqin New Area Co Ltd	China	Scheme for treating tumors through combined use of gene modified NK cells and antibodies
WO 2022233943 A1 20221110	Sleip Ai Ab	Sweden	Method for displaying quadruped motion metrics of quadruped e.g. Horse, cow and dog, for guiding human user through identification of lameness in quadruped.
WO 2022192162 A1 20220915	Fox Chase Chemical Diversity Center Inc	USA	New substituted amide compound used in composition for treating fungal infection
US 2022331356 A1 20221020	Purina Animal Nutrition Llc	USA	Reducing Cryptosporidium spp. In liquid animal feed involves providing liquid animal feed admixed with hydrogen peroxide-generating composition
WO 2022258797 A1 20221215	Intervet Int Bv	USA	Treating a parasitic tick infestation of an animal, where the parasite tick infestation is an infestation with a tick of Hyalomma spp
	Intervet Inc		
WO 2022241312 A1 20221117	Univ Maryland	USA	Inhibiting persistence of tick attachment and/or inhibiting transmission of tick-borne pathogens from tick to mammalian host comprises administering isolated or recombinantly produced protein having specified amino acid sequence

VT Mascotas



Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 114656558 A 20220624	Veterinary Res Institute Animal Clinical Medicine Res Center Of Xinjiang Academy Of Livestock Scienc	China	Preparation method and application of monoclonal antibody for resisting echinococcus multilocularis adult pellicle antigen
JP 2022164552 A 20221027	Nagaura Y	Japan	Method useful for treating infectious diseases in dogs such as kennel cough, leptospirosis, coronavirus enteritis, cryptococcosis, brucellosis, canine herpes infection, Q fever, parvovirus infection and bacterial enteritis, feline infectious diseases such as feline panleukopenia (parvovirus infection), cryptococcosis, infectious peritonitis and feline AIDS, diseases that occur in farmed fish e.g. Iridovirus disease, infectious hematopoietic necrosis (IHN), erythrocyte inclusion body syndrome (EIBS), α -hemolytic streptococci and cold water disease, and myxosporidial wilt.
CN 114588137 A 20220607	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Application of triclosan in preparation of medicine for killing parasitic nematodes
WO 2022204119 A1 20220929	Massachusetts Gen Hospital	USA	The method is useful for reducing fertility or preventing puberty in prepubescent non-human subject. The prepubescent non-human subject is a kitten or a puppy. The prepubescent non-human subject is female

Nº de publicación	Solicitante	País de Origen	Contenido técnico
JP 2022169389 A 20221109	Univ Hokkaido	Japan	New canine transforming growth factor-beta receptor II useful for producing fusion protein useful in e.g. Composition for enhancing immune response
WO 2022212399 A1 20221006	Spallitta Frank Anthony	USA	Treating clinical symptom and/or transmission risk associated with pathogen in an individual comprises administering acetylcholinesterase inhibitor to the individual having the clinical symptom to inactivate Demodex mites
BR 102022000089 A2 20221025	Univ Minas Gerais	Brazil	Obtaining liposome conjugated to amphotericin B useful for treating leishmaniasis, by adding amphotericin B solution to liposome suspension containing unilamellar or oligolamellar liposomes, and heating mixture
BR 102021006820 A2 20221025	Univ Minas Gerais	Brazil	Obtaining liposomes conjugated to amphotericin B used for treatment of leishmaniasis, by preparing suspension of empty unilamellar liposomes in water, adding amphotericin B solution, preheating and neutralizing ph of suspension followed by heating
CN 114848809 A 20220805	Changchun Sr Biological Tech Co Ltd	China	Agent useful for diluting and improving immune function of vaccine, preferably rabies inactivated vaccine, comprises phosphate buffer solution, montanide gel 02PR adjuvant, canine interferon and ricin B chain protein
WO 2022224644 A1 20221027	Eerdeng Bulude	Japan	Composition used for skin treatment, as antiinflammatory composition, and for treating e.g. Atopic dermatitis, contact dermatitis, nummular eczema, and stasis dermatitis, contains exosomes derived from horse milk
KR 20220141166 A 20221019	True Systems Co Ltd	South Korea	Management System of Skin Condition and Skin Disease for Companion Animal

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022248682 A1 20221201	Qurient Co Ltd	South Korea	New 1-phenylisoquinoline compound used in pharmaceutical composition for prevention and/or treatment of disease such as proliferative diseases, infectious diseases, including opportunistic diseases, immunological diseases, autoimmune diseases, and inflammatory diseases
WO 202218274 A1 20221020	Shanghai Inst Materia Medica Cas	China	New substituted dioxolane-based compound useful as medicine for preventing, treating and alleviating diseases caused by viral infections including coronavirus including e.g. Severe acute respiratory syndrome coronavirus
US 2022401435 A1 20221222	The Univ Of Hong Kong	China	New polyaryl substituted compound for use in pharmaceutical formulation for preventing or treating pseudo allergic reaction, pseudo allergic disease, or pseudo inflammatory disease, or treating or ameliorating symptoms associated with pseudo allergic disease, or pseudo inflammatory disease in mammal
WO 2022258797 A1 20221215	Intervet Int Bv	USA	Treating a parasitic tick infestation of an animal, where the parasite tick infestation is an infestation with a tick of Hyalomma spp
	Intervet Inc		
US 11524940 B1 20221213	Pardes Biosciences Inc	USA	New amino compound for ameliorating or treating viral infection, where virus is e.g. RNA virus, DNA virus, papillomavirus, picornavirus, influenza virus, adenovirus, polyomavirus, poxvirus, flavivirus, alphavirus, Ebola virus, morbillivirus, enterovirus, lentivirus, arenavirus, and herpes virus
WO 202218928 A1 20221020	Saiba Ag	China	New modified virus-like particle of RNA bacteriophage AP205 (AP205 VLP) comprising fusion proteins comprises AP205 coat protein dimer comprising first and second AP205 polypeptide used to treating disease in animal or human

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022221686 A1 20221020	Pardes Biosciences Inc	USA	New substituted 2 - a m i n o a c e t a m i d e compound used for e.g. Preventing or treating viral infection caused by virus e.g. RNA virus, DNA virus, coronavirus, papillomavirus, pneumovirus, picornavirus, influenza virus, adenovirus, c y t o m e g a l o v i r u s , p o l y o m a v i r u s , poxvirus and flavivirus
CN 114853905 A 20220805	Chengnuo Regenerative Medicine Tech Zhuhai Hengqin New Area Co Ltd	China	Scheme for treating tumors through combined use of gene modified NK cells and antibodies
WO 2022226102 A1 20221027	Univ Pennsylvania	USA	Canine monoclonal antibodies against canine cytotoxic T lymphocyte associated protein 4 (CTLA-4)
WO 2022228651 A1 20221103	Birkenmeier Gerd	Germany	Pyruvate esters for the treatment of viral diseases
WO 2022256487 A1 20221208	The Administrators Of The Tulane Educational Fund	USA	Reducing intracellular levels of Bartonella e.g. Bartonella bacilliformis or Bartonella quintana in population of cells, by contacting population of cells with therapeutic agents e.g. Azlocillin or azithromycin
WO 2022192631 A1 20220915	In The Bowl Animal Health Inc	USA	Controlling tick infestation in canine e.g. Dog, comprises orally administering an isoxazoline at a frequency of four times per month
CN 115192557 A 20221018	Chu Lei	China	Pharmaceutical composition for treating mast cell mediated inflammatory diseases
WO 2022241312 A1 20221117	Univ Maryland	USA	Inhibiting persistence of tick attachment and/or inhibiting transmission of tick-borne pathogens from tick to mammalian host comprises administering isolated or recombinantly produced protein having specified amino acid sequence

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022236370 A1 20221117	Univ Griffith	Australia	Immunogenic composition useful in medicine for eliciting immune response and preventing infection associated with erythrocytic organism in first mammal, comprises erythrocytes and erythrocytic organism
WO 2022192162 A1 20220915	Fox Chase Chemical Diversity Center Inc	USA	New substituted amide compound used in composition for treating fungal infection
WO 2022223824 A1 20221027	Philogen Spa	Italy	New antibody molecule that binds human, canine, ovine and porcine fibroblast activation protein useful in e.g. Treatment of human or animal body by therapy and inflammatory disorder or autoimmune disease, such as rheumatoid arthritis, or cancer
CN 114885899 A 20220812	Lingnan Modern Agricultural Science And Tech Guangdong Laboratory	China	Construction method and application of feline coronavirus infected animal model based on recombinant adenovirus
WO 2022215658 A1 20221013	Univ Keio	Japan	The PGRMC1 function inhibitor is used in cancer therapeutic adjuvant, composition for anticancer drug combination therapy, antiallergic agent, prophylactic or therapeutic agent for hepatitis and preventive or therapeutic agent for obesity. The PGRMC1 function inhibitor is used for treating cancer in preferably humans, dogs and cats
	Cokey Systems Co Ltd		
KR 102451145 B1 20221006	Qvet	South Korea	The composition is useful for preventing and treating viral infection caused by porcine reproductive and respiratory syndrome virus, porcine epidemic diarrhea virus, and feline coronavirus in mammals and poultry

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022207793 A1 20221006	Vib Vzw	Belgium	The vaccine composition is useful for treating or preventing a mammal from an infection of a pathogen species belonging to the family of Trypanosomatidae chosen from Trypanosoma, preferably of T.brucei gambiense, T.brucei, T.brucei rhodesiense, T.congolense, T.vivax, T.evansi, T.equiperdumand T.cruzi, or Leishmania, preferably L.majoror L.infantum
	Univ Brussel Vrije		
	Univ Antwerpen		
WO 202223968 A1 20221027	Noordeen Mohamed Hamza	United Kingdom	Use of vitamin A, in production of medicament for inhibiting scar tissue formation and treating tissue damage or injury e.g. Traumatic injury, neurological injury (spinal cord injury or peripheral nerve injury), and soft tissue injury
WO 202233943 A1 20221110	Sleip Ai Ab	Sweden	Method for displaying quadruped motion metrics of quadruped e.g. Horse, cow and dog, for guiding human user through identification of lameness in quadruped.

VTVarios



Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022195553 A1 20220922	Univ British Columbia	Canada	Guide RNAs and compositions for editing huntingtin gene, and methods related thereto
	Incisive Genetics Inc		
WO 2022228651 A1 20221103	Birkenmeier Gerd	Germany	Pyruvate esters for the treatment of viral diseases
US 2022348605 A1 20221103	Lakewood Amedex Inc	USA	Method of treating lung infection in patient, preferably human, primates, companion animals, farm animals, wild and zoo animals, and laboratory animals, where infection is bacterial infection, fungal infection, protozoal infection, viral infection, and/or yeast infection, and infection is due to presence of Pseudomonas aeruginosa, Acinetobacter baumannii, and/or Aspergillus fumigatus
EP 4062905 A1 20220928	Eth Zuerich	Switzerland	Use of liposome composition in peritoneal dialysis of patients suffering from endogenous or exogenous toxicopathies, and the exogenous toxicopathy is drug, pesticide, insecticide, toxin or chemical warfare toxicopathies
CN 115025233 A 20220909	Jiang Haitao	China	Lung-targeted drug-loaded exosome, application thereof and drug for treating lung diseases

Nº de publicación	Solicitante	País de Origen	Contenido técnico
US 2022354872 A1 20221110	Nat Defense Medical Center	Taiwan	Pharmaceutical composition for relieving progression of or preventing chronic kidney disease in a subject in need, where the chronic kidney disease comprises glomerulonephritis, renal fibrosis, and renal inflammation
WO 2022256637 A2 20221208	Weiner David	USA	The nucleic acid molecule is useful in immunogenic composition for administering the immunogenic composition for treating or protecting against viral infection, and producing improved vaccine to boost the immunogenicity of any antigen
	Bhojnagarwala Pratik		
	Gary Ebony		
CN 114763346 A 20220719	Univ East China Normal	China	Compound for inducing cartilage formation and application thereof
CN 114763347 A 20220719	Univ East China Normal	China	Compounds for inducing mesenchymal stem cells to differentiate into cartilage and application of compounds
KR 20220150714 A 20221111	Park Ok Nam	South Korea	A composition comprising an extract of combined crude drugs for the treatment or alleviation of inflammatory disease or bacterial infection
WO 2022197761 A1 20220922	Merck Sharp & Dohme LLC	USA	Plasma kallikrein inhibitors
	Cernaka Natalija		
	Ogawa Anthony K		
	Cheng Alan C		
	Bao Jianming		
	Sharp Phillip Patrick		
	Lopez Jovan Alexander		
	Xiao Dong		
	Tang Haiqun		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
US 2022387559 A1 20221208	Snipr Biome Aps	Den-marck	Treating or preventing infection by Escherichia coli cells in human or animal subject involves administering to subject multiple transduction particles, where each particle comprises nucleic acid encoding nuclease for targeting genomes of E. Coli cells, and administered particles contact cells
US 2022370402 A1 20221124	Natural Extraction Sys Llc	USA	Composition used for treating diabetes mellitus, metabolic syndrome, cardiovascular disease, hypertension, Alzheimer's disease, arthritis, ankylosing spondylitis, ulcerative colitis, cancer, comprises liquid phase containing chemical species having glycerol as solvent and cannabinoid as solute
CN 114874174 A 20220809	Yunnan Hengyi Biotechnology Co Ltd	China	Benzodihydropyran compound with anti-hepatitis B virus and anti-coronavirus effect
CN 114681473 A 20220701	Nouth Lake Laboratory	China	Application of glucosamine and derivatives thereof as novel coronavirus resisting drugs
	Military Medicine Res Institute Of Chinese People Liberation Army And Military Science Institute		
CN 115029297 A 20220909	Jiang Haitao	China	Kidney targeted drug-loaded exosome, application and drug for treating kidney diseases
WO 2022236364 A1 20221117	Topelia Aust Ltd Acn 652 771 670	Australia	Treating, ameliorating or preventing virus infection, or boosting or enhancing natural immunity in individual, by administering inactivated or attenuated agent of infection, or antibiotic and/or anti-viral drug to individual

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022204714 A1 20220929	Univ Kansas State	USA	Composition used for treating cancer or viral infection comprises zinc-based physiometacomposite
US 2022333130 A1 20221020	Swartz Roger B	USA	Episomal expression, genomic integrated lentiviral vector expression and mrna expression of Potent Immunoglobulins

Noticias



V Congreso Industria Conectada - Valencia

Los días 7 y 8 de noviembre se organizó en Valencia el V Congreso Industria Conectada. (VICIC)

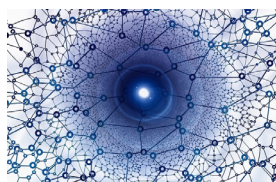
+ MÁS



Entrega del cupón diario de la ONCE conmemorativo del 30 aniversario de la OEPM

La Oficina Española de Patentes y Marcas, O.A. (OEPM) hunde sus raíces en el siglo XIX, con la creación de la institución bajo el nombre de Real conservatorio de Artes y Oficios, aunque podemos incluso encontrar antecedentes durante los siglos anteriores.

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10ª reunión "ICT Roadmap"

Coincidiendo con el trigésimo aniversario de la Oficina Española de Patentes y Marcas, O.A. (OEPM), la OEPM acogió el décimo encuentro "ICT Roadmap", los días 15 al 17 de noviembre de 2022

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XXI Reunión anual Centros Regionales de Información en materia de Propiedad Industrial El Centro de Los días 7 y 8 de noviembre tuvo lugar en Valencia la XXI reunión anual de Centros Regionales de Información en materia de Propiedad Industrial (CCRR).

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Jornada de estudio y actualización en materia de patentes: "Lunes de Patentes"

El pasado 28 de noviembre tuvo lugar de forma presencial en la OEPM una sesión más de Los lunes de Patentes.

+ MÁS



Zaragoza se incorpora a la Red Europea de Autenticidades de la mano de la OEPM

La Oficina Española de Patentes y Marcas, O.A. (OEPM) y el Ayuntamiento de Zaragoza han firmado el convenio que incluye a la ciudad de Zaragoza en la Red Europea de Autenticidades.

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Número especial de la revista Marchamos con motivo del 30 aniversario de la OEPM

Durante este año 2022 celebramos el trigésimo aniversario desde la creación, con su denominación actual, de la Oficina Española de Patentes y Marcas, O.A. (OEPM) a través de la Ley 21/1992, de 16 de julio, de Industria.

+ MÁS



Jornada sobre Nulidad y Caducidad Administrativa de los Signos Distintivos

Uno de los mayores retos a los que se enfrenta ahora la Oficina Española de Patentes y Marcas, O.A. (OEPM) es la implementación de los procedimientos administrativos de nulidad y caducidad con motivo de la entrada en vigor, el próximo 14 de enero de 2023, de la competencia directa de la OEPM en la resolución de solicitudes de nulidad y caducidad.

+ MÁS

Noticias



Ya está disponible el Boletín de Vigilancia Tecnológica de Sanidad Animal correspondiente al tercer trimestre de 2022

El documento, que cuenta con más de 280 solicitudes de patentes, recoge los últimos avances realizados en sanidad animal a nivel mundial.

+ MÁS



La Fundación Vet+i participa un año más en la Jornada sobre Políticas de Innovación y Desarrollo en el mercado de la I+D organizada por la OEPM y el CSIC

En el encuentro acompañando a los Nuevos Titulados Superiores de la Oficina Española de Patentes y Marcas (OEPM), se dieron cita representantes de la OEPM, del Consejo Superior de Investigaciones Científicas (CSIC), del Centro para el Desarrollo Tecnológico y la Innovación (CDTI) y de la Fundación Vet+i-Plataforma Tecnológica Española de Sanidad Animal.

+ MÁS



Cierre de las actividades del año 2022 en XXX reunión del Consejo Gestor de Vet+i

Durante la reunión se trataron temas como la organización y participación de Vet+i en numerosas actividades de colaboración público-privada, así como de uso responsable de medicamentos veterinarios, entre otros asuntos.

+ MÁS



Vet+i asiste al Infoday del Clúster 5 y 6 de Horizonte Europa

La convocatoria del Clúster 5 sobre clima ya está abierta y la del Clúster 6, sobre alimentación, bioeconomía, recursos naturales, agricultura y medio ambiente, con oportunidades para la sanidad animal, abre hoy 22 de diciembre de 2022, en conjunto se destinarán unos 24 mil millones de euros a estas convocatorias.

+ MÁS



Vet+i participa en Estrasburgo en la Jornada Europea de Investigación y Desarrollo para la Sanidad Animal e innovación

La Fundación dio a conocer las novedades de la iniciativa Vetinnova a más de 30 empresas, centros de investigación, OTRIS y otros miembros del sector de ámbito internacional con el objetivo de fomentar la innovación en la sanidad animal a nivel europeo.

+ MÁS



Celebrada con éxito la Jornada formativa 'La I+D+i en envases y diseño de envases en Medicamentos Veterinarios y otros productos de sanidad y nutrición animal'

Más de 50 expertos del sector se dieron cita en la jornada formativa organizada por la Fundación.

+ MÁS



Vet+i presenta su origen y actividades ante el Consejo de Fundaciones por la Ciencia de FECYT

Junto con la Fundación Vet+i, se presentaron las actividades de la Fundación BIST y la Fundación Biodiversidad.

+ MÁS



EPRUMA celebra un evento en Bruselas para departir sobre el futuro de las resistencias a los antibióticos desde un punto de vista One Health

El evento reunió a eurodiputados Alexander Bernhuber del Grupo del Partido Popular Europeo (PPE), Emma Wiesner, del Grupo Renew Europe, así como a Aurélien Pérez, de la DG Sante de la Comisión y expertos de FVE y de países como Reino Unido, Bélgica, Holanda, España, etc.

+ MÁS



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