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SANIDAD ANIMAL

49

Vigilancia Tecnológica 1º trimestre 2023



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 nueve recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el primer trimestre de 2023 en el ámbito de la sanidad animal, las cuales aparecen distribuidas según la especie animal de aplicación de las mismas.

Asimismo, se incorpora un capítulo que recoge solicitudes de patentes sobre tecnologías de aplicación general y contiene un apartado de enlaces a [noticias](#) de

interés en materia de propiedad industrial, así como sobre las actividades de la Plataforma.

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

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

Contenido



Bovino



Ovino y
Caprino



Porcino



Avicultura



Acuicultura



Apicultura



Équidos



Mascotas



Varios

VT Bovino



Nº de publicación	Solicitante	País de Origen	Contenido técnico
BR 102021009874 A2 20221206	Inst Federal De Educacao Ciencia E Tecnologia De Minas Gerais	Brazil	Phytotherapy solution useful for e.g. preventing animals against pathogens e.g. Escherichia coli related to mastitis
BR 102020025659 A2 20220628	Uniao Brasileira De Educacao E Assistencia Mantenedora Da Pucrs	Brazil	New quinolinic compound used for preparing pharmaceutical composition for treating bacterial diseases e.g. tuberculosis
ZA 202103919 B 20211027	Inst Special Animal & Plant Sciences Caas	China	Nano-PCR detection kit used to detect infectious bovine rhinotracheitis (IBR) comprises e.g. Mighty Amp polymerase, 2X Buffer Mix solution, gold nanoparticle sol, pair of specific primers and IBR virus positive control plasmid
ZA 202110446 B 20220223	Univ Inner Mongolia Agri Univ Jilin Agricultural	China	Primer-probe combination for detecting bovine Escherichia coli comprise primers and a probe for detecting a fimbriae antigen F5 gene and primers and a probe for detecting a fimbriae antigen F41 gene
NZ 715441 A 20220429	Elanco Australasia Pty Ltd	Australia	Use of neonicotinoid in prevention of myiasis caused by e.g. Dermatobia hominis and Cordylobia anthropophaga in non-human animal and human without using insect growth regulator
WO 2023056245 A1 20230406	The Us Secretary Of Agriculture	USA	New Babesia antigen comprising at least portion of Babesia gametocyte HAPLESS2/GCS1 protein, and optionally affinity tag used in vector, cell, and for interfering with Babesia transmission by competent ticks
	Washington State Univ	USA	
	James Cook Univ	Australia	

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.
CN 115252617 A 20221101	Jiangsu Hengrui Medicine Co	China	Solid composition useful in preparing medicines for treating infections caused by viruses e.g. Japanese encephalitis virus, tick-borne encephalitis virus, Kunjin virus, Murray Valley encephalitis virus, St. Louis encephalitis virus, Omsk hemorrhagic fever virus, bovine viral diarrhea virus
	Suzhou Shengdiya Biological Medicine Co Ltd		
WO 2023023527 A1 20230223	Gilead Sciences Inc	USA	New phospholipid compounds useful for treating or preventing a viral infection in a subject, where the viral infection is a Pneumoviridae virus infection e.g. respiratory syncytial virus infection and human metapneumovirus infection, Picornaviridae virus infection e.g. Flaviviridae virus infection e.g. dengue virus infection, yellow fever virus infection, West Nile virus infection, tick borne encephalitis, Kunjin Japanese encephalitis, bovine viral diarrhea
WO 2023049243 A1 20230330	Biomedit Llc	USA	Lysostaphin variant used for composition for treating infection caused by gram-positive bacterium in animal such as human, ruminant animal, poultry, swine, canine, feline, mustelidae family, and leporidae family.
WO 2023049162 A1 20230330	Biomedit Llc	USA	The engineered polypeptide variant is useful for: treating a parasitic infection; microbial infection, which is caused by Mannheimia haemolytica, Pasteurella multocida, Escherichia coli, Salmonella, Campylobacter jejuni, or Piscirickettsia salmonis.

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023021092 A1 20230223	Farahani Ensieh Lappe Michael Hans Willi	Denmark	Use of activator of hypoxia-inducible factor 1-alpha for treating/preventing neurotropic viral infection caused by neurotropic virus
WO 2023007409 A1 20230202	Univ Cape Town	South Africa	Composition used in treatment of east coast fever comprises first nucleic acid encoding bovine leukemia virus Gag protein, and a second nucleic acid encoding a recombinant Theileria parva fusion polypeptide
WO 2023038852 A1 20230316	Zoetis Services Llc	USA	New azalide used in composition for medicament for treating or preventing inflammatory response in animal or mitigating progression of respiratory disease or disorder in animal (all claimed). The respiratory disease or disorder is bovine respiratory disease or swine respiratory disease.
KR 20230018690 A 20230207	Avixgen Inc	South Korea	The composition is useful or preventing and treating viral diseases including acquired immunodeficiency syndrome, avian leukemia, mouse mammary tumor, bovine leukemia virus, human T lymphoma, bovine leukemia, murine leukemia and abelson murine leukemia
JP 2022189088 A 20221222	Pias Arise Kk	Japan	Agent useful for inhibiting formation of biofilm for oral pathogenic bacteria, and preventing dental caries and periodontal diseases in human and animals other than human such as livestock or pets, comprises polysaccharide fiber
CN 115715763 A 20230228	Zhengzhou Xinze Biotechnology Co Ltd	China	Bromhexine hydrochloride solid microspheres and preparation method used for preventing and treating respiratory disease of livestock and poultry

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115724957 A 20230303	Beijing Nabai Biotechnology Co Ltd	China	New heavy chain and light chain variable region of anti-bovine viral diarrhea virus NS3 protein monoclonal antibody used in preparing genetically engineered antibodies or vaccines targeting NS3 protein
WO 2023048111 A1 20230330	Nat Agriculture & Food Res Org	Japan	Vaccine used for preventing infectious diseases, preferably mastitis in non-human mammal, preferably cattle, sheep, goats, and camels, comprises acapsular strain of Streptococcus subspecies as antigen
	School Corporation Azabu Veterinary Medicine Educational Inst		
WO 2023015277 A1 20230209	Zoetis Services Llc	USA	Vaccine useful for preventing Clostridium chauvoei infection for in bovine or ovine subject, comprises Clostridium chauvoei component and additional cctA protein
CN 115417928 A 20221202	Jiangsu Tianmeijian Natural Bioengineering Co Ltd	China	The method enables reducing the loss of SIgA, improving the utilization rate of bovine colostrum, and helping to reduce the production cost of purified SIgA
CN 115521942 A 20221227	Tianjin Acad Of Agricultural Sciences	China	Epitope gene vaccine AKK useful in vaccine research and antibody preparation for providing immunoprotective effect against bovine viral diarrhea virus
CN 115364123 A 20221122	Jiangsu Sanyi Bioengineering Co Ltd	China	Brevibacillus laterosporus and application thereof in control of ruminant parasites
	Dalian Sanyi Animal Drug Co Ltd		
CN 115364207 A 20221122	Univ Huazhong Agricultural	China	Vaccine composition for preventing and treating bovine viral diarrhea, comprises recombinant bovine viral diarrhea virus E2 protein and adjuvant, where vaccine is prepared by utilizing recombinant plasmid vector to express exogenously in cells, and mixing and emulsifying recombinant protein

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023023655 A1 20230223	Massachusetts Eye & Ear Infirmary	USA	New adeno-associated virus (AAV)-11 vector comprising AAV11 capsid protein and nucleic acid encoding transgene operably linked to promoter, in which transgene encodes immunogenic polypeptide, used e.g. to elicit immune response
	Schepens Eye Res Inst		
CN 115518081 A 20221227	Hebei Inatural Biotechnology Co Ltd	China	Compound probiotic powder and compound probiotic preparation for treating calf diarrhea and preparation method of compound probiotic powder and compound probiotic preparation
CN 115364200 A 20221122	Univ Henan Animal Husbandry & Economy	China	Preparing medicine for treating bovine cholecystitis by collecting bovine bile, adding bovine blood and Enterococcus freeze-dried powder, inoculating big-head golden fly egg, culturing golden fly larva in culture system and sterilizing antibacterial protein dry product
WO 2023034646 A2 20230309	Aanika Biosciences Inc	USA	New Peptide comprising wild type sequence having specified amino acid sequence useful for inhibiting microbial growth, treating microbial infection, or preventing or reducing the incidence of microbial infection
	Ismail Alexandre		
	Pisareva Vera		
	Sabio German		
	Jorgensen Ellen		
Bhuyan Vishaal			
CN 115418355 A 20221202	Qingdao Animal Husbandry Work Station	China	New Staphylococcus lentus bacteriophage for use in preparation of drugs for preventing and treating Staphylococcal infections, preparation of feed, additives for preventing and treating diseases caused by Staphylococcus lentus, cleaning agent or disinfectant for Staphylococcal lentus
	Qingdao Inst Of Animal Husbandry And Veterinary Medicine		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022257981 A1 20221215	Smilebiotek Guangzhou Ltd	China	Use of substituted polycyclic compounds in medicine, cosmetic, acaricide and external composition for inhibiting mites and preventing diseases caused by mite infection, preferably eye disease, skin disease and allergic disease
CN 115634263 A 20230124	Univ Northeast Agricultural	China	Composition for preventing and treating animal diarrhea, alkaline mineral compound preparation as well as preparation method and application of alkaline mineral compound preparation
WO 2022270978 A1 20221229	Univ Nat Chonnam Ind Found	South Korea	Pharmaceutical composition useful for providing antiviral effect for preventing or treating RNA virus infection, comprises lipolytic enzyme inhibitor
	Korea Res Inst Bioscience & Biotechnology		
CN 115381935 A 20221125	Univ Shihezi	China	Preparing Bovine Viral Diarrhea Virus inactivated vaccine involves mixing the BVDV virus strain virus liquid and hydrogen peroxide solution, inactivating, obtaining Bovine Viral Diarrhea Virus virus strain inactivated virus liquid, and mixing virus strain inactivated liquid with Freund adjuvant
KR 20230001534 A 20230104	Univ Nat Chonnam Ind Found	South Korea	RNA Pharmaceutical composition containing lipolytic enzyme inhibitors for preventing or treating RNA virus infection
	Korea Res Inst Bioscience & Biotechnology		
CN 115820482 A 20230321	Univ Yunnan Agric	China	The Bacillus amyloliquefaciens strain YN-BA2 has high inhibitory effect on Salmonella pullorum and Salmonella enteritidis in vitro for prevention and treatment of Salmonella pullorum disease in livestock and poultry industry.
KR 20230034093 A 20230309	Republic Of Korea Animal And Plant Quarantine Agency	South Korea	New recombinant vector comprising gene encoding heavy chain C-terminal protein of botulinum type derived from botulinum type strain, useful for preventing and diagnosing livestock botulism C/D type intoxication

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023022866 A1 20230223	Phoenix Biotechnology Inc	USA	The method and antiviral composition are useful for treating viral infection including bovine coronavirus (BCV), porcine coronavirus (PC V), bovine viral diarrhea virus (BVDV), bovine respiratory syncytial virus (BRSV), and porcine reproductive and respiratory syndrome virus (PRRSV) in an animal
CN 115474664 A 20221216	Shandong Jianyuan Biotechnology Co Ltd	China	Method useful for preparing bio-agent, which is useful for preserving TMR and/or preventing mastitis in dairy cow
WO 2022268720 A1 20221229	Signify Holding Bv	Netherlands	System used to distribute attenuated airborne pathogen in an indoor space for humans or animals, comprises a control system configured to control spectral power distribution of first radiation of treatment mode, and indoor climate sensor
CN 115717127 A 20230228	Inst Of Animal Science And Veterinary Medicine Shandong Academy Of Agricultural Sciences	China	New strain of bovine viral diarrhea virus useful for inactivated vaccine for bovine viral diarrhea virus disease
CN 115486813 A 20221220	Wang Jia	China	Intelligent animal husbandry checking device for checking health condition of livestock e.g. cattle, and detecting parasitic pest
WO 2022260568 A1 20221215	Perstorp Ab	Sweden	Mixed glycerol ester composition used for mitigating coccidiosis, contains ester molecules comprising one glycerol moiety, two valeric acid moieties and one lauric acid moiety, trivalerin, trilaurin, and lauric acid
WO 2023014970 A2 20230209	Univ New York	USA	New NorA peptide inhibitor useful e.g. for treating Staphylococcus aureus infection and potentiating therapeutic efficacy of antibiotic or biocide in subject having Staphylococcus aureus infection

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022252848 A1 20221208	Wang Huiru	China	Vaccine to treat saccharide related disease e.g. infectious disease, inflammation, inflammatory respiratory disease, diarrhea, arthritis, autoimmune disease, allergy, and cancer, comprises N - acetylneuraminic acid methyl ester.
CN 115572689 A 20230106	Univ Inner Mongolia Agri Inner Mongolia Autonomous Region Acad Agricultural & Animal Husbandry Sciences	China	Pediococcus pentosaceus M6 and application thereof
WO 2023282702 A1 20230112	Kanaph Therapeutics Inc Yungjin Pharmaceutical Co Ltd	South Korea	Quinazoline derivative used in pharmaceutical composition or medicament for preventing or treating disease such as cancer, cancer metastasis, cardiovascular disease, immune disorder, fibrosis, and eye disorder.
US 2022409550 A1 20221229	Korea Inst Sci & Tech Kyungpook Nat Univ Ind Academic Coop Found	South Korea	Pharmaceutical composition for preventing or treating cancer, comprises active ingredient, and nanocages formed by self-assembly of a fusion protein including a programmed cell death protein 1 and a self-assembling protein.
WO 2023014651 A1 20230209	Purina Animal Nutrition Llc	USA	Method for feeding livestock animals, where the livestock animals comprise swine, cattle, or poultry; inhibiting Streptococcus animals.
CN 115569152 A 20230106	Feed Res Inst Caas	USA	Preparation method and application of rumen source washing microbial inoculum
WO 2023028424 A1 20230302	Sloan Biologics Llc	USA	The probiotic composition for reducing pathogenesis, preferably for preventing pathogen such as bacteria growth in poultry GI tracts.

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023015274 A1 20230209	Zoetis Services Llc	USA	Antiinflammatoryl for treating mastitis in a subject, where the mastitis is associated with or induced by a bacteria including Escherichia coli, Staphylococcus aureusor Streptococcus uberisand the subject is a bovine or dairy cow.
WO 2022256401 A1 20221208	Xenotherapeutics Inc	USA	Xenogenic neural or nerve tissue for xenotransplantation of a xenogenic neural or nerve product, into a nonhuman primate or human xenotransplant recipient for treatment of injuries and ailments.
	Alexis Bio Inc		
BR 102021009716 A2 20221122	Univ Sao Paulo	Brazil	Curative dispersion composition useful for preventing or treating uterine infection in ruminant, by homogenizing liquid dispersion and powdered clay base, stirring mixture mechanically, and packing dispersion in packages.



Ovino y Caprino



Nº de publicación	Solicitante	País de Origen	Contenido técnico
BR 102021009874 A2 20221206	Inst Federal De Educacao Ciencia E Tecnologia De Minas Gerais	Brazil	Phytotherapy solution useful for e.g. preventing animals against pathogens e.g. Escherichia coli related to mastitis
WO 2022261846 A1 20221222	Shanghai Sinobay Biotechnology Co Ltd	China	New antibody or its antigen-binding fragment capable of specifically binding to AXL protein comprising heavy chain and light chain variable region useful for preventing or treating tumors e.g. B cell lymphoma, T cell lymphoma or melanoma
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.
WO 2023049243 A1 20230330	Biomedit Llc	USA	Lysostaphin variant used for composition for treating infection caused by gram-positive bacterium in animal such as human, ruminant animal, poultry, swine, canine, feline, mustelidae family, and leporidae family.
WO 2023049162 A1 20230330	Biomedit Llc	USA	The engineered polypeptide variant is useful for: treating a parasitic infection; microbial infection, which is caused by Mannheimia haemolytica, Pasteurella multocida, Escherichia coli, Salmonella, Campylobacter jejuni, or Piscirickettsia salmonis.

Nº de publicación	Solicitante	País de Origen	Contenido técnico
JP 2022189088 A 20221222	Pias Arise Kk	Japan	Agent useful for inhibiting formation of biofilm for oral pathogenic bacteria, and preventing dental caries and periodontal diseases in human and animals other than human such as livestock or pets, comprises polysaccharide fiber
WO 2023048111 A1 20230330	Nat Agriculture & Food Res Org	Japan	Vaccine used for preventing infectious diseases, preferably mastitis in non-human mammal, preferably cattle, sheep, goats, and camels, comprises acapsular strain of Streptococcus subspecies as antigen
	School Corporation Azabu Veterinary Medicine Educational Inst		
CN 115444867 A 20221209	By Health Co Ltd	China	Application of bifidobacterium breve 207-1
WO 2023023655 A1 20230223	Massachusetts Eye & Ear Infirmary	USA	New adeno-associated virus (AAV)-11 vector comprising AAV11 capsid protein and nucleic acid encoding transgene operably linked to promoter, in which transgene encodes immunogenic polypeptide, used e.g. to elicit immune response
	Schepens Eye Res Inst		
CN 115746146 A 20230307	Univ Anhui Agric	China	New gonadotropin-stimulating hormone recombinant protein antigen having specific amino acid, used in mammal castration recombinant protein vaccine for controlling fertility of mammal
WO 2023034646 A2 20230309	Aanika Biosciences Inc	USA	New Peptide comprising wild type sequence having specified amino acid sequence useful for inhibiting microbial growth, treating microbial infection, or preventing or reducing the incidence of microbial infection
	Ismail Alexandre		
	Pisareva Vera		
	Sabio German		
	Jorgensen Ellen		
	Bhuyan Vishaal		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115418355 A 20221202	Qingdao Animal Husbandry Work Station Qingdao Inst Of Animal Husbandry And Veterinary Medicine	China	New Staphylococcus lentus bacteriophage for use in preparation of drugs for preventing and treating Staphylococcal infections, preparation of feed, additives for preventing and treating diseases caused by Staphylococcus lentus, cleaning agent or disinfectant for Staphylococcal lentus
WO 2022257981 A1 20221215	Smilebiotek Guangzhou Ltd	China	Use of substituted polycyclic compounds in medicine, cosmetic, acaricide and external composition for inhibiting mites and preventing diseases caused by mite infection, preferably eye disease, skin disease and allergic disease
CN 115820482 A 20230321	Univ Yunnan Agric	China	The Bacillus amyloliquefaciens strain YN-BA2 has high inhibitory effect on Salmonella pullorum and Salmonella enteritidis in vitro for prevention and treatment of Salmonella pullorum disease in livestock and poultry industry.
KR 20230034093 A 20230309	Republic Of Korea Animal And Plant Quarantine Agency	South Korea	New recombinant vector comprising gene encoding heavy chain C-terminal protein of botulinum type derived from botulinum type strain, useful for preventing and diagnosing livestock botulism C/D type intoxication
WO 2023022866 A1 20230223	Phoenix Biotechnology Inc	USA	The method and antiviral composition are useful for treating viral infection including bovine coronavirus (BCV), porcine coronavirus (PCV), bovine viral diarrhea virus (BVDV), bovine respiratory syncytial virus (BRSV), and porcine reproductive and respiratory syndrome virus (PRRSV) in an animal

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023025187 A1 20230302	Shanghai Sinobay Biotechnology Co Ltd	China	Antibody or antigen-binding fragment is useful in recombinant oncolytic virus for preparing anti-tumor medicine
CN 115486813 A 20221220	Wang Jia	China	Intelligent animal husbandry checking device for checking health condition of livestock e.g. cattle, and detecting parasitic pest
WO 2022260568 A1 20221215	Perstorp Ab	Sweden	Mixed glycerol ester composition used for mitigating coccidiosis, contains ester molecules comprising one glycerol moiety, two valeric acid moieties and one lauric acid moiety, trivalerin, trilaurin, and lauric acid.
WO 2023014970 A2 20230209	Univ New York	USA	New NorA peptide inhibitor useful e.g. for treating Staphylococcus aureus infection and potentiating therapeutic efficacy of antibiotic or biocide in subject having Staphylococcus aureus infection
WO 2022252848 A1 20221208	Wang Huiru	China	Vaccine to treat saccharide related disease e.g. infectious disease, inflammation, inflammatory respiratory disease, diarrhea, arthritis, autoimmune disease, allergy, and cancer, comprises N-acetylneuraminic acid methyl ester.
WO 2023014651 A1 20230209	Purina Animal Nutrition Llc	USA	Method for feeding livestock animals, where the livestock animals comprise swine, cattle, or poultry; inhibiting Streptococcus animals.

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023028424 A1 20230302	Sloan Biologics Llc	USA	The probiotic composition for reducing pathogenesis, preferably for preventing pathogen such as bacteria growth in poultry GI tracts.
WO 2022260977 A1 20221215	Univ Minnesota Creighton Univ	USA	Method for assessing population of non-human mammals for prion disease.
WO 2022256401 A1 20221208	Xenotherapeutics Inc	USA	Xenogeneic neural or nerve tissue for xenotransplantation of a xenogeneic neural or nerve product, into a nonhuman primate or human xenotransplant recipient for treatment of injuries and ailments.
	Alexis Bio Inc		
NZ 715441 A 20220429	Elanco Australasia Pty Ltd	Australia	Use of neonicotinoid in prevention of myiasis caused by e.g. Dermatobia hominis and Cordylobia anthropophaga in non-human animal and human without using insect growth regulator
WO 2023015277 A1 20230209	Zoetis Services Llc	USA	Vaccine useful for preventing Clostridium chauvoei infection for in bovine or ovine subject, comprises Clostridium chauvoei component and additional cctA protein
CN 115364123 A 20221122	Jiangsu Sanyi Bioengineering Co Ltd	China	Brevibacillus laterosporus and application thereof in control of ruminant parasites
	Dalian Sanyi Animal Drug Co Ltd		
CN 115634263 A 20230124	Univ Northeast Agricultural	China	Composition for preventing and treating animal diarrhea, alkaline mineral compound preparation as well as preparation method and application of alkaline mineral compound preparation

Nº de publicación	Solicitante	País de Origen	Contenido técnico
BR 102021009716 A2 20221122	Univ Sao Paulo	Brazil	Curative dispersion composition useful for preventing or treating uterine infection in ruminant, by homogenizing liquid dispersion and powdered clay base, stirring mixture mechanically, and packing dispersion in packages.

VT Porcino



Nº de publicación	Solicitante	País de Origen	Contenido técnico
LU 501952 B1 20221031	Guangzhou Wisdom Bio Tech Co Ltd	China	Yeast engineering bacteria for preventing porcine circovirus disease
	Univ Yangtze		
CN 115851793 A 20230328	Univ Longyan	China	Constructing eukaryotic expression vector for highly expressing porcine phosphofructo-2- kinase/fructose-2,6- bisphosphatase 3 (PFKFB3) gene used in preparing functional medicines related to antiinflammatory response, comprises e.g. connecting PFKFB3 gene to pMD18-T vector and transforming
CN 115850452 A 20230328	Jiangsu Dongkang Biomedicine Technology	China	New monoclonal antibody against African swine fever virus cluster of differentiation 2v protein used in e.g. preparing products for diagnosis or auxiliary diagnosis of diseases related to African swine fever virus infection
CN 115517223 A 20221227	Shandong Chengtou Jinkun Agricultural Dev Co Ltd	China	Immune method under non-plague condition

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023049243 A1 20230330	Biomedit Llc	USA	Lysostaphin variant used for composition for treating infection caused by gram-positive bacterium in animal such as human, ruminant animal, poultry, swine, canine, feline, mustelidae family, and leporidae family.
WO 2023049162 A1 20230330	Biomedit Llc	USA	The engineered polypeptide variant is useful for: treating a parasitic infection; microbial infection, which is caused by Mannheimia haemolytica, Pasteurella multocida, Escherichia coli, Salmonella, Campylobacter jejuni, or Piscirickettsia salmonis(all claimed).
WO 2023021092 A1 20230223	Farahani Ensieh Lappe Michael Hans Willi	Denmark	Use of activator of hypoxia-inducible factor 1-alpha for treating/preventing neurotropic viral infection caused by neurotropic virus
WO 2023039474 A1 20230316	Dana Farber Cancer Inst Inc	USA	The structurally-stabilized peptide or its salt or conjugate is useful in pharmaceutical compound for preventing and treating a coronavirus infection in a subject
CN 115704819 A 20230217	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Application of p34 protein as diagnostic antigen in detection of African swine fever virus
US 2022402975 A1 20221222	Univ Maryland	USA	Newcastle disease virus-based vaccine
CN 115252625 A 20221101	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Application of cyclovirobuxine D in preparation of preparation for treating African swine fever
WO 2023030246 A1 20230309	The United Bio Tech Hengqin Co Ltd	China	Recombinant porcine reproductive and respiratory syndrome virus (PRRSV) vaccine for treating or preventing African swine fever
	Zhuhai United Bio Pharmaceutical Co Ltd		
CN 115212296 A 20221021	Biostime Guangzhou Health Product Co Ltd	China	Application of protein composition as enterovirus 71 inhibitor and protein composition

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115837025 A 20230324	Univ South China Agric	China	Use of berbamine hydrochloride in preparing medicines for preventing or treating African swine fever, inhibiting toxicity of African swine fever virus, inhibiting replication, protein expression, and output of infectious virions of African swine fever virus
KR 20230013656 A 20230127	Dong Kook Pharm Co Ltd	South Korea	Anticoronavirus composition comprising teicoplanin as active ingredient
WO 2023049794 A1 20230330	Univ Texas	USA	Rapid acting vaccine used for reducing or preventing Nipah virus infection
US 2023074637 A1 20230309	National Pingtung Univ Of Science And Technology	Taiwan	Immunogenic composition vaccine against porcine reproductive and respiratory syndrome virus
CN 115778935 A 20230314	Univ Sun Yat-Sen	China	Use of rocaglamide for preparing medicines for preventing and/or treating porcine reproductive and respiratory syndrome
CN 115340599 A 20221115	Ding Zhiqian	China	Preparation method of high-yield and high-efficiency anti-non-plague heterologous animal hyperimmune serum
	Yang Jinlong		
	Liu Xia		
WO 2023283683 A1 20230119	Univ Sydney	Australia	Dry powder composition used for inhalation using dry powder inhaler, and treating and/or preventing viral infection such as coronavirus disease, comprises ivermectin, lactose monohydrate, and organic solvent, where composition has been produced by spray drying components
WO 2023036249 A1 20230316	Univ Tsinghua	China	Immunogenic composition useful for preventing pathogenic infection diseases caused from parasites, viruses, bacteria and fungi, comprises pathogen or host cell infected by pathogen, and treated with inhibitor of isoprenoid metabolic pathway

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115819603 A 20230321	Univ Guangxi	China	Preparing porcine IkappaB kinase kinase (IKK) alpha polyclonal antibody used for e.g. preparing vaccine against swine fever, by mixing and emulsifying IKK alpha recombinant protein with Freund's adjuvant and immunizing animals
CN 115804838 A 20230317	Chengdu Shiji Biopharm Co Ltd	China	Triple inactivated vaccine comprises Porcine circovirus type 2 antigen, pig Mycoplasma hyopneumoniae antigen, Haemophilus parasuis type 4 antigen and Haemophilus parasuis type 5 antigen
CN 115678550 A 20230203	Univ Huazhong Agricultural	China	Matrine carbon quantum dot as well as preparation method and application thereof
CN 115772528 A 20230310	Chinese Acad Sci Guangzhou	China	Nucleic acid molecule useful for preparing medicine for preventing African swine fever virus infection, and preparing gene function regulator, comprises p30 gene, p54 gene, CD2v gene, p72 gene and p72 chaperone gene
	Inst Biomed Guangzhou N Biomed Co Ltd		
CN 115804782 A 20230317	Chinese Acad Sci Wuhan Virology Instatic	China	Medicine used for inhibiting segmented RNA viruses e.g. guertu virus, lymphocytic choriomeningitis virus, influenza A virus and swine flu, comprises tanshinone I and/or tanshinone II A
CN 115819567 A 20230321	Guangzhou Lekang Biomedical Technology	China	New type 3 porcine circovirus monoclonal antibody useful for detecting type 3 porcine circovirus and specifically binding type 3 porcine circovirus capsid protein (Cap)
CN 115350190 A 20221118	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Application of berbamine in preparation of preparation for treating African swine fever
WO 2023011810 A1 20230209	Intervet Int Bv	Netherlands	A vaccine for protection against Streptococcus suis of various serotypes
	Intervet Inc	USA	

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115820678 A 20230321	Univ Jilin Agric	China	Geneorengineeredbacteria for stimulating body's anti- porcine reproductive and respiratory syndrome virus Glycoprotein 3 infection, has nucleotides, wheregenes corresponding to three groups of nucleotide sequences are respectively named Nyc1-S, Nyc1-Hand Nyc1-L
CN 115418369 A 20221202	Univ Foshan	China	R e c o m b i n a n t streptococcus as well as construction method and application thereof
CN 115645521 A 20230131	Huapai Bio Eng Group Co Ltd	China	Swine streptococcosis-porcine contagious pleuropneumonia -porcine reproductive and respiratory syndrome triple vaccine and preparation method thereof
WO 2023023655 A1 20230223	Massachusetts Eye & Ear Infirmary	USA	New adeno-associated virus (AAV)-11 vector comprising AAV11 capsid protein and nucleic acid encoding transgene operably linked to promoter, in which transgene encodes immunogenic polypeptide, used e.g. to elicit immune response
	Schepens Eye Res Inst		
CN 115337308 A 20221115	Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Application of ACSS2 inhibitor in preparation of medicine for resisting H1N1 subtype swine influenza virus
	Inst Animal Science & Veterinary Medicine Shandong Aas		
CN 115612696 A 20230117	Zhaoqing Dahuanong Biologic Pharmaceutical Co Ltd	China	PRRSV genome full-length cDNA plasmid, PRRS virus and construction method and application of PRRSV genome full-length cDNA plasmid
	Huanong Zhaoqing Biological Industry Tech Research Institute Co Ltd		
CN 115813912 A 20230321	Univ South China Agric	China	Use of hycanthone in preparing medicine for preventing and treating African swine fever caused by African swine fever virus infection

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023007456 A1 20230202	Biovetika Spolka Z Ograniczona Odpowiedzialnoscia	Poland	Producing bacterial lipopolysaccharide (LPS)/protein immune complexes useful for: inducing immune response in birds and mammals e.g. chickens, mice and pigs
CN 115678985 A 20230203	Univ South China Agricult	China	Application of MARCH5 in identifying susceptibility of pigs to porcine reproductive and respiratory syndrome virus and preparing medicine
WO 2023011811 A1 20230209	Intervet Int Bv	Netherlands	Vaccine used for protecting pigs against pathogenic infection with Streptococcus suis, comprises in combination immunoglobulin M protease antigen of Streptococcus suis serotype 1, Streptococcus suis bacterin serotype 9, sequence type 16, and carrier
	Intervet Inc	USA	
CN 115746155 A 20230307	Univ Guangxi	China	Preparing Sargassum polysaccharide e in preparation of medicine for resisting porcine reproductive and respiratory syndrome virus.
CN 115746146 A 20230307	Univ Anhui Agric	China	New gonadotropin-stimulating hormone recombinant protein antigen having specific amino acid, used in mammal castration recombinant protein vaccine for controlling fertility of mammal
CN 115770245 A 20230310	Univ South China Agric	China	Use of bisbenzylisoquinoline alkaloid in preparing medicine for preventing and/or treating African swine fever
CN 115531528 A 20221230	Huapai Bio Eng Group Co Ltd	China	Combined vaccine formed by triple inactivated vaccine and porcine pseudorabies live vaccine and preparation method thereof
KR 20230001677 A 20230105	Dae Han New Pharm Co Ltd	South Korea	Injectable preparation of tulathromycin and tolfenamic acid

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023034646 A2 20230309	Aanika Biosciences Inc	USA	New Peptide comprising wild type sequence having specified amino acid sequence useful for inhibiting microbial growth, treating microbial infection, or preventing or reducing the incidence of microbial infection
	Ismail Alexandre		
	Pisareva Vera		
	Sabio German		
	Jorgensen Ellen		
CN 115814073 A 20230321	Hangzhou Animal Medicine Factory	China	Preparing porcine polyvalent immunoglobulin used for preventing and treating swine disease, by using e.g. swine fever live vaccine, pig blue ear live vaccine and live pseudorabies vaccine as antigen to inoculate heterogeneous equine animals, and inducing humoral immune system
	Jili Biotechnology Co Ltd		
	Jilin Jili Biotechnology Res Co Ltd		
CN 115501216 A 20221223	Univ Henan Animal Husbandry & Economy	China	Application of DHPS inhibitor GC7 in porcine reproductive and respiratory syndrome
CN 115645522 A 20230131	Zhejiang Sci Tech Univ	China	Porcine circovirus type 2 and swine mycoplasmal pneumonia bivalent adenovirus live vector vaccine and preparation method thereof
	Shaoxing Academy Of Biomedicine Co Ltd Univ Zhejiang Science & Tech		
	Zhejiang Hongsheng Biotechnology Co Ltd		
WO 2023011812 A1 20230209	Intervet Int Bv	Netherlands	Vaccine for protecting pigs against Streptococcus suis of any of the serotypes 1, 2 and 7
	Intervet Inc	USA	
CN 115477320 A 20221216	Nanjing Normal Univ Taizhou College	China	Green synthesis process of nano lanthanum oxide and antiviral application of nano lanthanum oxide
WO 2023012329 A1 20230209	Intervet Int Bv	Netherlands	Method for preventing or treating viral disease, treating viral infection and providing antiviral prophylaxis in animal
	Intervet Inc	USA	
CN 115717129 A 20230228	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Recombinant attenuated strain with deletion of African swine fever virus gene as well as preparation method and application of recombinant attenuated strain

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115611808 A 20230117	Inst Military Medicine Academy Military Sciences Pla	China	Novel inhibitor of enterovirus D68, and preparation method and application thereof
CN 115607536 A 20230117	Guangdong Acad Agric Sci Animal Health	China	Use of eucalyptol in preparing medicine for resisting porcine reproductive and respiratory syndrome virus
CN 115651860 A 20230131	Univ Beijing Agriculture	China	Bacillus coagulans BC-HYC strain and application thereof
CN 115530294 A 20221230	Ji Yanli	China	Lactic acid bacteria feed additive for preventing and treating swine fever and preparation method thereof
CN 115612693 A 20230117	Zhaoqing Dahuanong Biologic Pharmaceutical Co Ltd	China	Recombinant PRRSV (Porcine Reproductive and Respiratory Syndrome Virus) vector for expressing African swine fever virus p30 protein, PRRS recombinant virus as well as construction method and application of PRRS recombinant virus
	Huanong Zhaoqing Biological Industry Tech Research Institute Co Ltd		
CN 115637260 A 20230124	Shanghai Veterinary Res Institute Chinese Academy Of Agricultural Sciences	China	Genetically engineered vaccine for expressing African swine fever virus P54 gene recombinant pseudorabies virus and application of genetically engineered vaccine
CN 115645417 A 20230131	Univ Wuhan Polytechnic	China	Application of chenodeoxycholic acid in preparation of medicine or feed additive for treating or preventing porcine viral diarrhea
KR 20230034141 A 20230309	Bioapplications Inc	South Korea	Vaccines for prevention of African swine fever comprising antigen proteins derived from African swine fever virus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115819519 A 20230321	Shanghai Veterinary Res Institute Chinese Academy Of Agricultural Sciences	China	Antigenic epitope used in antibody preparation, antigen composition and Enzyme-linked immunosorbent assay kit for specifically recognizing ASFVp17 protein in pig, and used in African swine fever virus immunofluorescence assay experiment, and detecting ASFV, is African swine fever virus D117L
CN 115386556 A 20221125	Shanghai Veterinary Res Institute Chinese Academy Of Agricultural Sciences	China	Recombinant pseudorabies virus gene engineering vaccine for tandem expression of African swine fever virus P30 and P54 genes and application of recombinant pseudorabies virus gene engineering vaccine
WO 2023034993 A1 20230309	Gleich Gerald J	USA	Compositions and methods for diagnosis, detecting and treating eosinophil-related diseases
	Leiferman Kristin M		
	Peterson Kathryn A		
CN 115197316 A 20221018	Dongguan Pengzhi Biotechnology Co Ltd	China	Antibody for resisting novel coronavirus, reagent for detecting novel coronavirus and kit
CN 115819569 A 20230321	Univ Nanjing Technology	China	Nanobody Nb5 useful in preparation of medicines for preventing and/or treating porcine reproductive and respiratory syndrome, comprises protein comprises sequence of (SEQ ID NO: not defined), and protein is derived protein with same activity as before transformation
WO 2022270978 A1 20221229	Univ Nat Chonnam Ind Found	South Korea	Pharmaceutical composition useful for providing antiviral effect for preventing or treating RNA virus infection, comprises lipolytic enzyme inhibitor
	Korea Res Inst Bioscience & Biotechnology		
CN 115819625 A 20230321	China Animal Health & Epidemiology Cent	China	New Escherichia coli tetravalent antigen fusion polypeptide used in preparing vaccine comprises polypeptide derived by substituting, deleting, or adding amino groups

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115819564 A 20230321	Univ Sichuan	China	New single-chain antibody for detecting African swine fever comprises specific amino acid sequence
KR 20230001534 A 20230104	Univ Nat Chonnam Ind Fo und	South Korea	RNA Pharmaceutical composition containing lipolytic enzyme inhibitors for preventing or treating RNA virus infection
	Korea Res Inst Bioscience & Biotechnology		
CN 115820482 A 20230321	Univ Yunnan Agric	China	The Bacillus amyloliquefaciens strain YN-BA2 has high inhibitory effect on Salmonella pullorum and Salmonella enteritidis in vitro for prevention and treatment of Salmonella pullorum disease in livestock and poultry industry.
CN 115724952 A 20230303	Yangzhou Univ	China	Broad-spectrum monoclonal antibody targeting influenza A virus conserved linear B cell epitope and application of broad-spectrum monoclonal antibody
WO 2023027402 A1 20230302	Bioapplications Inc	South Korea	Vaccine for preventing african swine fever, comprising african swine fever virus-derived antigen protein
CN 115702928 A 20230217	Pu Like Bio Eng Co Ltd	China	African swine fever virus subunit vaccine composition, African swine fever virus protein antigen composition and application thereof
CN 115677853 A 20230203	Dongguan Pengzhi Biotechnology Co Ltd	China	Anti-HBeAg antibody or antigen binding fragment thereof and application thereof
WO 2023022866 A1 20230223	Phoenix Biotechnology Inc	USA	The method and antiviral composition are useful for treating viral infection including bovine coronavirus (BCV), porcine coronavirus (PC V), bovine viral diarrhea virus (BVDV), bovine respiratory syncytial virus (BRSV), and porcine reproductive and respiratory syndrome virus (PRRSV) in an animal

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115813963 A 20230321	Chengdu Nabii Weite Testing Technology	China	Use of Alternanthera philoxeroides in preparing medicine for preventing or treating African swine fever, and for degrading the nucleic acid of African swine fever virus
WO 2023278308 A1 20230105	Us Agriculture	USA	The genetically modified virus having viral genome comprising specific base pair sequence useful in vaccine composition for protecting swine against African Swine Fever virus (ASFV)-Georgia 2007 isolate
CN 115531449 A 20221230	Univ Southwest Nationalities Ganzi Tibetan Autonomous Prefecture Inst Of Animal Husbandry Sciences	China	Composition for treating Tibetan pig piglet diarrhea caused by escherichia coli and preparation method
CN 115444074 A 20221209	Univ Jilin	China	Quercetin compound traditional Chinese medicine feed additive as well as preparation method and application thereof
CN 115725510 A 20230303	Yangzhou Univ	China	Monoclonal antibody hybridoma cell strain 2A5 aiming at PCV2b type Cap protein, monoclonal antibody and application
CN 115417443 A 20221202	Jiangsu Agri Animal Husbandry Vocational College	China	Nanometer cerium oxide particle and green synthesis process and application thereof
KR 20220169425 A 20221227	Kyungpook Nat Industry Academic Cooperation Foundation	South Korea	Use of Bacterial-Derived Extracellular Vesicles for Preparation of Nucleic Acid Vaccines and Gene Transfer
CN 115531384 A 20221230	Univ South China Agricult Jiangxi Pengchuang Biotechnology Co Ltd	China	Application of bisbenzylisoquinoline alkaloid in preparation of medicine for resisting African swine fever virus
WO 2023014970 A2 20230209	Univ New York	USA	New NorA peptide inhibitor useful e.g. for treating Staphylococcus aureus infection and potentiating therapeutic efficacy of antibiotic or biocide in subject having Staphylococcus aureus infection

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022252848 A1 20221208	Wang Huiru	China	Vaccine to treat saccharide related disease e.g. infectious disease, inflammation, inflammatory respiratory disease, diarrhea, arthritis, autoimmune disease, allergy, and cancer, comprises N - a c e t y l n e u r a m i n i c acid methyl ester.
CN 115595312 A 20230113	Univ China Agricultural	China	Recombinant adenovirus and application thereof
US 2022409550 A1 20221229	Korea Inst Sci & Tech Kyungpook Nat Univ Ind Academic Coop Found	South Korea	P h a r m a c e u t i c a l composition for preventing or treating cancer, comprises active ingredient, and nanocages formed by self-assembly of a fusion protein including a programmed cell death protein 1 and a self-assembling protein.
CN 115581772 A 20230110	Jilin Zhengye Biological Products Co Ltd	China	Vaccine freeze-drying heat-resistant protective agent as well as preparation method and application thereof
CN 115725656 A 20230303	United Bio Tech Zhuhai Hengqin Co Ltd	China	Method for delivering interfering RNA (Ribonucleic Acid) by taking cytoplasm RNA virus as vector
	Zhuhai United Bio Pharmaceutical Co Ltd		
	Zhuhai United Laboratories Co Ltd		
WO 2023028424 A1 20230302	Sloan Biologics Llc	USA	The probiotic composition for reducing pathogenesis, preferably for preventing pathogen such as bacteria growth in poultry GI tracts.
WO 2022261150 A2 20221215	Scribe Therapeutics Inc Fernandes Jason	USA	Delivery particle system used to e.g. repress target nucleic acid sequence in population of cells comprises nucleic acids encoding retroviral components, payload components, and tropism factor
CN 115725610 A 20230303	Inst Of Animal Science And Veterinary Medicine Shandong Academy Of Agricultural Sciences	China	Preparation method of PCV2 Cap protein virus-like particles

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023283586 A2 20230112	Univ Georgia	USA	New substituted probenecid prodrug compounds used to treat, or prevent symptom associated with viral infection, gout, and hyperuricaemia
CN 115607198 A 20230117	Univ Shaoguan	China	African swine fever virus detection device
WO 2023038852 A1 20230316	Zoetis Services Llc	USA	New azalide used in composition for medicament for treating or preventing inflammatory response in animal or mitigating progression of respiratory disease or disorder in animal (all claimed). The respiratory disease or disorder is bovine respiratory disease or swine respiratory disease.
CN 115637259 A 20230124	Univ Zhejiang Science & Tech	China	Recombinant pseudorabies virus used in preparing vaccine provided by subcutaneous injection for treating porcine epidemic diarrhea, has genome with porcine epidemic diarrhea virus S protein gene after codon optimization and genome of recombinant pseudorabies virus has expression frame CMV-A-bGH
	Zhejiang Novo Biotech Co Ltd		
CN 115634263 A 20230124	Univ Northeast Agricultural	China	Composition for preventing and treating animal diarrhea, alkaline mineral compound preparation as well as preparation method and application of alkaline mineral compound preparation
WO 2023022106 A1 20230223	Furukawa Res Office Co Ltd	Japan	Agent used as antifatulent for prevention or treatment of diarrhea, for administration to livestock, such as weaning pig, and as immune enhancer, comprises dead cells of Bacillus subtilis as active ingredient

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.

VT Avicultura



Nº de publicación	Solicitante	País de Origen	Contenido técnico
ZA 202109616 B 20220330	Univ Shanxi Agricultural	China	Preparing a diagnostic antigen for virulent Newcastle disease infection in chickens, comprises isolating and identifying virulent strains of Newcastle disease virus, and preparing the diagnostic antigen
BR 102021008455 A2 20221116	Farmabase Saude Animal Ltda+A3	Brazil	Pharmaceutical composition useful in preparation of medicament for treating bacterial infection caused by e.g. Salmonella enteritidis and Salmonella typhimurium in animal, comprises florfenicol, solvent, dissolution enhancer, and cosolvent
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.
WO 2023285489 A1 20230119	Intervet Int Bv	Nether- land	Use of recombinant protein comprising antigen and binding domain capable of binding to cell surface protein on avian antigen-presenting cell, for protecting avian against pathogen
	Intervet Inc	USA	
ZA 202204129 B 20220525	Univ Qingdao Agricultural	China	Risk assessment system used for Salmonella in chicken based on rapid detection technology

Nº de publicación	Solicitante	País de Origen	Contenido técnico
AU 2021215259 A1 20230302	New Image International Ltd	Australia	Oral composition used to prevent or treat viral infections comprises mixture of polyclonal immunoglobulin G, A, and M antibodies
CN 115850514 A 20230328	Univ Huazhong Agric	China	Recombinant chicken interferon alpha protein used in preparation of interferon preparation with broad-spectrum anti-virus function for chicken
	Shandong Soocom Animal Remedy Co Ltd		
CN 115851771 A 20230328	Univ Yangzhou	China	New operon peg gene of Peg pili useful for preparation of medicine or pharmaceutical composition for preventing or treating avian typhoid infected by Salmonella gallinarum in animals
WO 2023049162 A1 20230330	Biomedit Llc	USA	The engineered polypeptide variant is useful for: treating a parasitic infection; microbial infection, which is caused by Mannheimia haemolytica, Pasteurella multocida, Escherichia coli, Salmonella, Campylobacter jejuni, or Piscirickettsia salmonis(all claimed).
US 2023054807 A1 20230223	Univ King Abdulaziz	Saudi Arabia	Neutralizing mono-specific Igy antibodies to inhibit or traet Sars-Cov 2 coronavirus infection
WO 2023042164 A1 20230323	Salmanian Ali Hatef	Iran	Chimeric proteins for immunization against Newcastle Disease Virus
	Amani Haroni Jafar		
	Mozafari Atena		
	Shahsavandi Shahla		
US 2022402975 A1 20221222	Univ Maryland	USA	Newccastle disease virus-based vectored vaccine
CN 115322972 A 20221111	Pu Like Bio Eng Co Ltd	China	H9 subtype avian influenza virus isolate and application thereof
	Luoyang Huizhong Biotech Co Ltd		
CN 115317602 A 20221111	Zhongchong Xinnuo Biotechnology Taizhou Co Ltd	China	Application of Hainoda white oil adjuvant and animal inactivated vaccine prepared from Hainoda white oil adjuvant
CN 115737652 A 20230307	Chinese Acad Agric Sci Shanghai Veterina	China	Pharmaceutical composition used for resisting coccidiosis in chickens, comprises e t h a n a m i z u r i l and oxamic acid

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023049794 A1	Univ Texas	USA	Rapid acting vaccine used for reducing or preventing Nipah virus infection
CN 115531301 A 20221230	Taian Haina Pharmaceutical Co Ltd	China	Preparation method of decoquinatate solution
WO 2023283683 A1 20230119	Univ Sydney	Australia	Dry powder composition used for inhalation using dry powder inhaler, and treating and/or preventing viral infection such as coronavirus disease, comprises ivermectin, lactose monohydrate, and organic solvent, where composition has been produced by spray drying components
CN 115837075 A 20230324	Univ Foshan	China	Use of nucleic acid adjuvant in preparing chicken Marek's disease preventive vaccine for inhibiting Marek's disease virus serotype 1-miR-M7-5p, where nucleic acid adjuvant is polynucleotide or chemically modified polynucleotide sequence neratinib dimethylamine-N-oxide inhibitor
WO 2023015276 A1 20230209	Theravax Inc Fundacion Inst Leloir	USA	Chimeric replication incompetent adenoviral vector useful in composition for preparing medicine for inducing an immune response against a virus
	Consejo Nacional De Investigaciones Cientificas Y Tecn Conicet	Argentina	
KR 20220161050 A 20221206	Seoul Nat Univ R&Db Foundation	South Korea	H9N2 Monoclonal antibody specific to avian influenza virus H9N2 and uses thereof
	Univ Wonkwang Ct Ind Acad Coop		
	Nat Univ Chungbuk Ind Acad Coop Found		
CN 115505577 A 20221223	Xiamen Changke Biological Eng Co Ltd	China	Novel bacteriophage for preventing and treating escherichia coli and salmonella diseases of poultry animals and application of novel bacteriophage
WO 2023007456 A1 20230202	Biovetika Spolka Z Ograniczona Odpowiedzialnoscia	Poland	Producing bacterial lipopolysaccharide (LPS)/protein immune complexes useful for: inducing immune response in birds and mammals e.g. chickens, mice and pigs

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115645390 A 20230131	China Inst Veterinary Drugs Control	China	Preparation of valnemulin organic acid salt veterinary drug and application of valnemulin organic acid salt veterinary drug in preparation of drug for treating poultry air sacculitis and porcine pleuropneumonia
CN 115634289 A 20230124	Shanghai Boman Biotechnology Co Ltd	China	IgY and lysozyme compound preparation+D52 for preventing and treating poultry diseases and preparation method of IgY and lysozyme compound preparation
CN 115678808 A 20230203	Hubei Huada Real Tech Co Ltd	China	Bacillus licheniformis, microbial inoculum and application of microbial inoculum
KR 20230025133 A 20230221	Iac In Nat Univ Chungnam	South Korea	H5 pharmaceutical composition for preventing or treating avian influenza containing antibodies binding to avian influenza virus subtype H5 haemagglutinin
CN 115227810 A 20221025	Univ Fujian Agriculture & Forestry	China	Anti-Eimeria giant spore recombinant vaccine for chicken and preparation method of anti-Eimeria giant oral recombinant spore vaccine
CN 115252770 A 20221101	Univ Beijing Agriculture	China	H9N2 subtype avian influenza virus mRNA vaccine as well as preparation method and application thereof
CN 115477699 A 20221216	Univ Huazhong Agricultural	China	Anti-clostridium perfringens egg yolk antibody and preparation method thereof
CN 115197316 A 20221018	Dongguan Pengzhi Biotechnology Co Ltd	China	Antibody for resisting novel coronavirus, reagent for detecting novel coronavirus and kit
CN 115645421 A 20230131	Baoding Jizhong Pharmaceutical Co Ltd	China	Antiviral immune nutritional composition for poultry
	Baoding Jizhong Biotechnology Co Ltd		
	Baoding Yangguang Bencao Pharmaceutical Co Ltd		
CN 115531481 A 20221230	Guangxi Botanical Garden Medicinal Plants	China	Composition for treating salmonellosis of red-feather pullorum, preparation method and application

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115820482 A 20230321	Univ Yunnan Agric	China	The Bacillus amyloliquefaciens strain YN-BA2 has high inhibitory effect on Salmonella pullorum and Salmonella enteritidis in vitro for prevention and treatment of Salmonella pullorum disease in livestock and poultry industry.
KR 20230034093 A 20230309	Republic Of Korea Animal And Plant Quarantine Agency	South Korea	New recombinant vector comprising gene encoding heavy chain C-terminal protein of botulinum type derived from botulinum type strain, useful for preventing and diagnosing livestock botulism C/D type intoxication
EP 4112717 A1 20230104	Veterinaermedizinische Univ Wien	Austria	Attenuated histomonas meleagridis strain and vaccine
WO 2023022866 A1 20230223	Phoenix Biotechnology Inc	USA	The method and antiviral composition are useful for treating viral infection including bovine coronavirus (BCV), porcine coronavirus (PC V), bovine viral diarrhea virus (BVDV), bovine respiratory syncytial virus (BRSV), and porcine reproductive and respiratory syndrome virus (PRRSV) in an animal
CN 115770299 A 20230310	Foshan Standard Biotech Co Ltd	China	Composition useful for improving color of aqueous suspension, and preparing suspension for Coccidia vaccines, medicine and additive, comprises guar gum and monovalent ionic salt of ethylenediaminetetraacetic acid
CN 115725518 A 20230303	Northeast Agricultural Univ	China	Application of Newcastle disease virus for coding infectious bronchitis S1 in biological adjuvant bivalent vaccine
CN 115813966 A 20230321	Hunan Canzoho Biotechnology Co Ltd	China	Fermentation composition used in preparing poultry feed for promoting growth and improving immunity of poultry, for preparing poultry intestinal healthcare feed and for preventing and treating coccidiosis in poultry, comprises ginseng residues and Lactobacillus plantarum

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115381932 A	Univ Huazhong Agricultural	China	Avian colibacillosis trivalent inactivated vaccine and preparation method thereof
WO 2023044158 A1 20230323	Biomedit Llc	USA	MULTIVALENT ANTI-CAMPYLOBACTER ANTIBODIES AND VACCINE
WO 2022260568 A1 20221215	Perstorp Ab	Sweden	Mixed glycerol ester composition used for mitigating coccidiosis, contains ester molecules comprising one glycerol moiety, two valeric acid moieties and one lauric acid moiety, trivalerin, trilaurin, and lauric acid
WO 2022252848 A1 20221208	Wang Huiru	China	Vaccine to treat saccharide related disease e.g. infectious disease, inflammation, inflammatory respiratory disease, diarrhea, arthritis, autoimmune disease, allergy, and cancer, comprises N-acetylneuraminic acid methyl ester
ZA 202203607 B 20220629	Zhejiang Acad Agricultural Sci	China	Method for evaluating chlorine resistance of poultry source Salmonella involves streaking Salmonella and quality control bacterial strains isolated from poultry source and culturing
WO 2023028424 A1 20230302	Sloan Biologics Llc	USA	The probiotic composition for reducing pathogenesis, preferably for preventing pathogen such as bacteria growth in poultry GI tracts
CN 115721676 A 20230303	Guangxi Univ	China	Prevention and control of chicken Escherichia coli enteritis based on main organic acids in plum syrup
WO 2023018984 A1 20230216	Univ California	USA	Vaccine preparation comprises extracellular blebs from a cell that has been genetically engineered to express an antigen, useful for immunizing a subject
WO 2023283586 A2 20230112	Univ Georgia	USA	New substituted probenecid prodrug compounds used to treat, or prevent symptom associated with viral infection, gout, and hyperuricaemia
CA 3177833 A1 20110615	Univ Saskatchewan Univ Guelph	Canada	Vaccines for inclusion hepatitis

Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20230018690 A 20230207	Avixgen Inc	South Korea	The composition is useful or preventing and treating viral diseases including acquired immunodeficiency syndrome, avian leukemia, mouse mammary tumor, bovine leukemia virus, human T lymphoma, bovine leukemia, murine leukemia and abelson murine leukemia
CN 115715763 A 20230228	Zhengzhou Xinze Biotechnology Co Ltd	China	Bromhexine hydrochloride solid microspheres and preparation method used for preventing and treating respiratory disease of livestock and poultry
CN 115746130 A 20230307	Univ Huazhong Agric	China	New duck reovirus monoclonal antibody NDRV-sigma C useful for preparation and detection of duck reovirus, monitoring duck clinical serology, and immune status assessment after poultry are inoculated with duck reovirus vaccine
CN 115634263 A 20230124	Univ Northeast Agricultural	China	Composition for preventing and treating animal diarrhea, alkaline mineral compound preparation as well as preparation method and application of alkaline mineral compound preparation
CN 115322972 A 20221111	Pu Like Bio Eng Co Ltd Luoyang Huizhong Biotech Co Ltd	China	H9 subtype avian influenza virus isolate and application thereof
WO 2023283683 A1 20230119	Univ Sydney	Australia	Dry powder composition used for inhalation using dry powder inhaler, and treating and/or preventing viral infection such as coronavirus disease, comprises ivermectin, lactose monohydrate, and organic solvent, where composition has been produced by spray drying components

VT Acuicultura



Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115786277 A 20230314	Xiamen Changke Bioengineering Co Ltd	China	New Bacteriophage used in micro-ecological preparation for preventing and treating aquatic animal vibrio disease, is preserved in China Center for Type Culture Collection, and bacteriophage is of Queuovirinae subfamily and has two specific polymerase chain reaction amplification primers
WO 2023049162 A1 20230330	Biomedit Llc	USA	The engineered polypeptide variant is useful for: treating a parasitic infection; microbial infection, which is caused by Mannheimia haemolytica, Pasteurella multocida, Escherichia coli, Salmonella, Campylobacter jejuni, or Piscirickettsia salmonis(all claimed).
WO 2023034804 A1 20230309	Zoetis Services Llc	USA	New amino acid sequence comprising specified amino acid sequence identical with the proviso that an amino acid at position useful for protecting fish against pancreas disease
CN 115778933 A 20230314	Univ Shaanxi Science & Tech	China	Use of palmitic acid in inhibiting activity of Vibrio alginolyticus alkaline serine protease, and achieving effect of weakening toxin-causing ability of Vibrio alginolyticus
CN 115806606 A 20230317	Univ Dalian Ocean	China	New recombinant protein rCgDM9CP-8 containing DM9 domain of long oyster comprises specific amino acid sequence
EP 4155382 A1 20230329	Centre Nat Rech Scient Univ Bretagne Occidentale	France	Biological control of vibriosis in aquacultureI

Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20230027701 A 20230228	Research & Business Found Sungkyunkwan Univ	South Korea	Antibody or antigen binding fragment thereof specifically binding to Koi herpesvirus and Uses thereof
CN 115505576 A 20221223	Univ South China Agricult	China	Vibrio harveyi bacteriophage V-YDF132 and application thereof
	Guangdong Winsun Bio Pharmaceutical Co Ltd		
CN 115806995 A 20230317	South China Sea Inst Oceanology Chinese	China	New lectin gene of Hong Kong giant oyster comprises specific nucleotide sequence
CN 115626952 A 20230120	Univ Zhejiang Ocean	China	Shellfish antibacterial peptide B1-alpha and application thereof
CN 115820569 A 20230321	Qingdao No-Antibiotics Biotechnology Co	China	New Vibrio ordalii bacteriophage i.e. vB_VorP_PRC03 used for e.g. preparing medicine or aquatic feed additive for preventing or treating disease caused by Vibrio ordalii infection and disinfectant for killing Vibrio ordalii in environment
WO 2022269600 A1 20221229	The State Of Israel Ministry Of Agriculture & Rural Development Agricultural Res Organization Aro Vo	Israel	Cpg oligodeoxynucleotides as immunostimulants of fish
	Nibn The Nat Institute For Biotechnology In The Negev Ltd		
	Israel Oceanographic And Limnological Res Ltd		
WO 2023278797 A1 20230105	Univ Arizona	USA	New engineered cargo delivery system polynucleotide comprising engineered gamma/beta nodavirus polynucleotide having capsid polypeptide construct with cargo polynucleotide coupled to regulatory elements used to treat e.g. Shrimp iridovirus
CN 115724938 A 20230303	Dalian Ocean Univ	China	Crassostrea gigas DM9 structural domain-containing recombinant protein rCgDM9CP-7 and application thereof

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115594737 A	Univ Zhejiang Ocean	China	Shellfish antibacterial peptide B2-alpha and application thereof
WO 2023018984 A1 20230216	Univ California	USA	Vaccine preparation comprises extracellular blebs from a cell that has been genetically engineered to express an antigen, useful for immunizing a subject
CN 115572707 A 20230106	Chinese Acad Inspection & Quarantine	China	New Cyprinus carpio muscle cell line used in isolation, propagation or vaccine development of aquatic animal viruses such as Spring viremia of carp virus, channel catfish virus, infectious pancreatic necrosis virus and grass carp reovirus

VT Apicultura



Nº de publicación	Solicitante	País de Origen	Contenido técnico
KR 20230038331 A 20230320	Republic Of Korea Man Rural Development Administration Industry Foundation Of Chonnam National Univ	South Korea	Composition for prevention and treatment against nosemosis of honeybee Apis mellifera and the artificial feed including the composition for honeybee
US 2023026506 A1 20230126	Univ Texas	USA	The method downregulates expression of a target gene product, which improves arthropod health in a variety of way, reduces need for frequent and costly reapplication, provides continual and cost-effective supply of double stranded RNA to silence bee or bee- pest genes, reduces bee mortality from RNA virus, reduces susceptibility of honeybees to colony collapse disorder and allows for easy targeting of bee- specific genes to silence.
WO 2023038602 A1 20230316	Hacettepe Univ Rektorluk	Turkey	Shedding of Varroa parasite and wound healing after shedding in bee body, comprises preparing first solution containing water and chitosan, preparing second solution and acquiring solution by combining first and second solution



VTÉquidos

Nº de publicación	Solicitante	País de Origen	Contenido técnico
ZA 201706967 B 20191218	Univ Pretoria	South Africa	Manipulating structural protein of African horse sickness virus (AHSV) vaccine for treating and preventing African horse sickness
ZA 201703491 B 20190626	Univ Pretoria	South Africa	New vector reverse genetics DNA plasmid vector used for recovering infectious, mutated or cross-serotype reassortant African horse sickness virus from cDNA transcribed in mammalian cell
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.
WO 2022261846 A1 20221222	Shanghai Sinobay Biotechnology Co Ltd	China	New antibody or its antigen-binding fragment capable of specifically binding to AXL protein comprising heavy chain and light chain variable region useful for preventing or treating tumors e.g. B cell lymphoma, T cell lymphoma or melanoma
WO 2023021092 A1 20230223	Farahani Ensieh Lappe Michael Hans Willi	Denmark	Use of activator of hypoxia-inducible factor 1-alpha for treating/preventing neurotropic viral infection caused by neurotropic virus

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023031759 A1 20230309	Lely Patent Nv	Netherlands	Lameness detection unit connected to monitoring and analyzing unit for early detection of lameness in animals, and arranged to take into account of parameters measured with aid of monitoring and analyzing unit
WO 2023049794 A1 20230330	Univ Texas	USA	Rapid acting vaccine used for reducing or preventing Nipah virus infection
WO 2023036249 A1 20230316	Univ Tsinghua	CN	Immunogenic composition useful for preventing pathogenic infection diseases caused from parasites, viruses, bacteria and fungi, comprises pathogen or host cell infected by pathogen, and treated with inhibitor of isoprenoid metabolic pathway
WO 2022262845 A1 20221222	Suzhou Spring Sea Bio Pharmaceuticals Co Ltd	China	New hydroxycytidine containing compound used to treat or prevent RNA viral infection of coronavirus
CN 115400105 A 20221129	Inst Animal Science & Veterinary Hubei Academy Agricultural Sciences	China	Application of pyrogallic acid in preparation of anti-streptococcus equi subsp. Zooepidemicus medicine
KR 20230030111 A 20230306	Han Su Yeon	South Korea	Artificial intelligence analysis method for judging the lameness state of a racehorse
WO 2023044419 A2 20230323	Univ Illinois	USA	New recombinant polypeptide comprising chimeric secretory component protein, used to treat or inhibit e.g. Clostridium difficile, Salmonella enterica, Salmonella typhimurium, and Streptococcus pneumonia infection
WO 2023022866 A1 20230223	Phoenix Biotechnology Inc	USA	The method and antiviral composition are useful for treating viral infection including bovine coronavirus (BCV), porcine coronavirus (PC V), bovine viral diarrhea virus (BVDV), bovine respiratory syncytial virus (BRSV), and porcine reproductive and respiratory syndrome virus (PRRSV) in an animal

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023012687 A1 20230209	Agillis Ltd	Israel	Computer-implemented method for monitoring equine physicality e.g. lameness, performance and/or condition, of a subject e.g. horse such as racing horse, for cross country jumping, racing, reining and shipping transport
WO 2023025187 A1 20230302	Shanghai Sinobay Biotechnology Co Ltd	China	Antibody or antigen-binding fragment is useful in recombinant oncolytic virus for preparing anti-tumor medicine
WO 2022252848 A1 20221208	Wang Huiru	China	Vaccine to treat saccharide related disease e.g. infectious disease, inflammation, inflammatory respiratory disease, diarrhea, arthritis, autoimmune disease, allergy, and cancer, comprises N - acetylneuraminic acid methyl ester.
US 2023037325 A1 20230209	Baish Juliane E	USA	Composition for treating wounds such as inflammation, scratches, strangles, flesh wounds, bacterial infections, viral infections, or fungal infections in livestock located on variety of places through topical ointment or topical spray, comprises honey, colloidal silver, and coconut oil
WO 2022261150 A2 20221215	Scribe Therapeutics Inc Fernandes Jason	USA	Delivery particle system used to e.g. repress target nucleic acid sequence in population of cells comprises nucleic acids encoding retroviral components, payload components, and tropism factor
WO 2022266511 A1 20221222	Elixirgen Therapeutics Inc	USA	Composition for stimulating an immune response against a coronavirus in a mammalian subject
WO 2023018984 A1 20230216	Univ California	USA	Vaccine preparation comprises extracellular blebs from a cell that has been genetically engineered to express an antigen, useful for immunizing a subject

VT Mascotas



Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023056043 A1 20230406	Elanco Us Inc	USA	Treating postoperative pain associated with surgical procedures in cat by administering liquid pharmaceutical composition comprising buprenorphine or its salt
BR 102021003246 A2 20220830	Univ Minas Gerais Fund De Ensino E Tecnologia De Alfenas	Brazil	Immunogenic composition used for prophylaxis of visceral leishmaniasis, comprises recombinant protein and excipients
WO 2022261846 A1 20221222	Shanghai Sinobay Biotechnology Co Ltd	China	New antibody or its antigen-binding fragment capable of specifically binding to AXL protein comprising heavy chain and light chain variable region useful for preventing or treating tumors e.g. B cell lymphoma, T cell lymphoma or melanoma
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.
KR 20220167674 A 20221221	Innovation Herb	South Korea	Composition is useful as powder, decoction, liquid, tablet, nutrient and jerky for alleviating and treating atopic dermatitis in dogs

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023021092 A1 20230223	Farahani Ensieh Lappe Michael Hans Willi	Denmark	Use of activator of hypoxia-inducible factor 1-alpha for treating/preventing neurotropic viral infection caused by neurotropic virus
WO 2023284645 A1 20230119	Univ Shenyang Chemical Tech	China	New amide compounds useful as pesticidal agents for controlling diamondback moth, armyworm, beet armyworm, litura, Chilo, peach aphid, thrips, and flea beetle, and for controlling agricultural and forestry pests
WO 2022263864 A1 20221222	Petmedix Ltd	United Kingdom	Isolated canine antibody being capable of binding to canine cluster of differentiation 20, useful in pharmaceutical composition for treating leukemia or rheumatoid arthritis, comprises complementarity-determining regions
WO 2022259179 A1 20221215	S&R Farm S P A G&C Biotech S R L	Italy	composition is useful for preventing or topical treatment of neurogenic inflammation associated with itching, pain, insect bites, aging, burns and/or sunburn, itching associated with sting by arthropods
WO 2023021169 A1 20230223	Intervet Int Bv	Netherlands	Composition for preventing or topical treatment of neurogenic inflammation associated with itching, pain, insect bites, aging, burns and/or sunburn, itching associated with sting by arthropods
	Intervet Inc	USA	
WO 2023012486 A1 20230209	Petmedix Ltd	United Kingdom	New canine or caninised IgG-B polypeptide or Fc region comprising modified Fc region useful in medicinal composition for treating inflammatory or autoimmune disease
WO 2023023655 A1 20230223	Massachusetts Eye & Ear Infirmary	USA	New adeno-associated virus (AAV)-11 vector comprising AAV11 capsid protein and nucleic acid encoding transgene operably linked to promoter, in which transgene encodes immunogenic polypeptide, used e.g. to elicit immune response
	Schepens Eye Res Inst	USA	

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023280834 A1 20230112	Boehringer Ingelheim Veterinary Medicine Belgium	Belgium	Use of mesenchymal stem cells or pharmaceutical composition comprising MSCs in treatment of atopic dermatitis in canines and felines and as immunomodulating agent
CN 115634288 A 20230124	Beijing Centre Biology Co Ltd	China	Canine coronavirus attenuated strain and application thereof
WO 2023021171 A1 20230223	Intervet Int Bv	Netherlands	Composition used to treat atopic dermatitis in canine, comprises homodimer including pair of canine interleukin-4 receptor alpha-canine and canine interleukin-13 receptor alpha2-canine fragment crystallizable region fusion proteins
	Intervet Inc	USA	
WO 2022257981 A1 20221215	Smilebiotek Guangzhou Ltd	China	Use of substituted polycyclic compounds in medicine, cosmetic, acaricide and external composition for inhibiting mites and preventing diseases caused by mite infection, preferably eye disease, skin disease and allergic disease
US 2023090405 A1 20230323	Invetx Inc	USA	Polypeptide used in pharmaceutical composition and for treating allergic, inflammatory and autoimmune disease in cat
WO 2023034993 A1 20230309	Gleich Gerald J Leiferman Kristin M Peterson Kathryn A	USA	Compositions and methods for diagnosis, detecting and treating eosinophil-related diseases
KR 20230006386 A 20230110	Kyongbo Pharm Co Ltd Ndic Co Ltd	South Korea	Pharmaceutical composition for animal comprising 5-hydroxy-1-methylimidazolidine-2,4-dione compound
WO 2023277521 A1 20230105	Kyongbo Pharm Co Ltd Ndic Co Ltd	South Korea	Veterinary pharmaceutical composition comprising 5-hydroxy-1-methylimidazolidine-2,4-dione compound as active ingredient

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023022866 A1 20230223	Phoenix Biotechnology Inc	USA	The method and antiviral composition are useful for treating viral infection including bovine coronavirus (BCV), porcine coronavirus (PCV), bovine viral diarrhea virus (BVDV), bovine respiratory syncytial virus (BRSV), and porcine reproductive and respiratory syndrome virus (PRRSV) in an animal
CN 115671288 A 20230203	Ringpu Tianjin Bio Pharm Co Ltd	China	Anti-parasitic compound soft chewing medicinal preparation as well as preparation method and application thereof
CN 115487164 A 20221220	Agrichina Huawei Biopharmaceutical Hubei Co Ltd	China	Praziquantel pill capable of being released by unmanned aerial vehicle
WO 2023025187 A1 20230302	Shanghai Sinobay Biotechnology Co Ltd	China	Antibody or antigen-binding fragment is useful in recombinant oncolytic virus for preparing anti-tumor medicine
US 2023056365 A1 20230223	Elanco Us Inc	USA	PROCESS FOR MAKING CRYSTALLINE
WO 2022252848 A1 20221208	Wang Huiru	China	Vaccine to treat saccharide related disease e.g. infectious disease, inflammation, inflammatory respiratory disease, diarrhea, arthritis, autoimmune disease, allergy, and cancer, comprises N - acetylneuraminic acid methyl ester.
WO 2022266697 A1 20221229	Ttd Global Pty Ltd	Australia	formulation of antimicrobial solution packaged in double-compartment packaging used to disinfect or treat mammalian tissue, comprises flexible container of variable volume comprising pressurized propellant

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2022266699 A1 20221229	Ttd Global Pty Ltd	Australia	Formulation (liquid or thixotropic gel) of hypohalous acid used to disinfect mammalian tissue, comprises hypohalous acid and stabilizing dissolved inorganic carbon incorporated in form of carbonicacidorbicarbonate
CN 115505575 A 20221223	Tianjin Inst Ind Biotechnology Cas	China	Two hybridoma cell strains secreting canine IL-31 monoclonal antibody and application thereof
WO 2023288279 A2 20230119	Basepaws	USA	Screening for, detecting, and/or preventing dermatologic disease in cat
WO 2023288135 A2 20230119	Orthobio Therapeutics Inc	USA	Preparation of medicament for treating or preventing joint disease e.g. osteoarthritis or gout, comprises RNA-guided nuclease, and guide RNA targeting interleukin 1 alpha and beta genes
	Gentsch George	United Kingdom	
JP 2022189088 A 20221222	Pias Arise Kk	Japan	Agent useful for inhibiting formation of biofilm for oral pathogenic bacteria, and preventing dental caries and periodontal diseases in human and animals other than human such as livestock or pets, comprises polysaccharide fiber
WO 2023034646 A2 20230309	Aanika Biosciences Inc	USA	New Peptide comprising wild type sequence having specified amino acid sequence useful for inhibiting microbial growth, treating microbial infection, or preventing or reducing the incidence of microbial infection
	Ismail Alexandre		
	Pisareva Vera		
	Sabio German		
	Jorgensen Ellen		
WO 2022270978 A1 20221229	Univ Nat Chonnam Ind Fo und	South Korea	P h a r m a c e u t i c a l composition useful for providing antiviral effect for preventing or treating RNA virus infection, comprises lipolytic enzyme inhibitor
	Korea Res Inst Bioscience & Biotechnology		

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023280832 A1 20230112	Boehringer Ingelheim Veterinary Medicine Belgium	Belgium	Use of mesenchymal stem cells (MSCs) or composition comprising MSCs for treating osteoarthritis in canines and felines

VTVarios



Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115444867 A 20221209	By Health Co Ltd	China	Application of bifidobacterium breve 207-1
US 2023083754 A1 20230316	Agent Innovation Co Ltd	Taiwan	New probiotic of Lactiplantibacillus Plantarum denoted as probiotic PTA22 from rabbits having oxalic acid degradation activity, for reducing risk of hypercalciuria and calculus and for use in nutritional composition for preparing food and composition for rabbits
WO 2023014983 A2 20230209	Vst Llc Dba Medgene Labs	USA	Method for producing rabbit haemorrhagic disease virus (RHDV)-derived immunogenic polypeptides and/or peptides involves mixing or co-expressing immunogenic polypeptides and/or peptides with one or more adjuvant
WO 2023283586 A2 20230112	Univ Georgia	USA	Newsubstitutedprobenecid prodrug compounds used to treat, or prevent symptom associated with viral infection, gout, and hyperuricaemia
BR 102021006559 A2 20221011	Univ Sao Paulo	Brazil	Compounds derived from 4-hydroxybenzoate used in combination for preparing pharmaceutical formulation for treating and/or prophylaxis of parasitic infections in mammals e.g. humans and/or domestic animals

Nº de publicación	Solicitante	País de Origen	Contenido técnico
BR 102020026441 A2 20220705	Centagro Centro Tecnológico Agropecuario Ltda	Brazil	Formulation useful for providing antiseptic property and healing superficial cutaneous wounds in domestic animals like dogs, cats, horses, cattle, sheep, goats and swine, comprises polyhexamethylene guanidine hydrochloride and water
WO 2023023631 A1 20230223	Pardes Biosciences Inc	USA	New protease inhibitory compounds are cysteine proteases inhibitors useful for ameliorating or treating viral infection from virus comprising e.g. RNA virus, DNA virus, and coronavirus in patient.
WO 2023287736 A1 20230119	Fox Chase Chemical Diversity Center Inc	USA	New substituted bis-amide containing compounds used to treat conditions associated with fungal infection e.g. candidemia, oral candidiasis, vulvovaginal candidiasis, aspergillosis, and allergic bronchopulmonary aspergillosis
JP 2023024381 A 20230216	Mitsubishi Tanabe Pharma Corp	Japan	Pharmaceutical composition used for treating cancer e.g. acute myelogenous leukemia, chronic myelogenous leukemia, multiple myeloma, diffuse large B-cell lymphoma and adult T-cell leukemia/lymphoma in subject, comprises sulfamoyl group-containing compound

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023049243 A1 20230330	Biomedit Llc	USA	The lysostaphin variant is used for composition for treating infection caused by gram-positive bacterium such as methicillin resistant Staphylococcus aureus(MRSA) bacterium, vancomycin intermediate S.aureus(VISA) bacterium, or a vancomycin resistant S.aureus(VRSA) bacterium in animal such as human, ruminant animal, poultry, swine, canine, feline, mustelidae family, and leporidae family.
WO 2023044402 A1 20230323	Adimab Llc	USA	The anti-CD3 antibody or antigen-binding fragment, the nucleic acid, the vector, and/or the isolated or recombinant cell is useful in pharmaceutical composition and for preparing medicine for treating or preventing a disease, disorder, or a condition by eliciting cytotoxicity to a cell expressing a target molecule of interest.
WO 2023034901 A1 20230309	Broad Inst Inc Dana Farber Cancer Inst Inc Massachusetts Gen Hospital	USA USA USA	Eliciting an immune response to a tumor antigen in a subject, where subject is a human, mouse, rat, hamster, guinea pig, rabbit, dog, cat, bovine, swine, goat, sheep, llama, or alpaca and the subject has or is at risk of developing cancer

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023286059 A1 20230119	Technion Res & Dev Foundation	Israel	Nucleic acid construct useful for: treating a medical condition in a subject, where the medical condition is cancer comprising pancreatic cancer (preferred), breast cancer, prostate cancer, ovarian cancer, endometrial cancer, bladder cancer, lung cancer, melanoma, leukemia, or glioblastoma; contraception in a mammal, where the mammal is a non-human mammal
WO 2023020459 A1 20230223	Hangzhou Jiuyuan Gene Eng Co Ltd	China	New monoclonal antibody or antigen-binding portion targeting signal-regulatory-protein alpha for treating tumor disease, e.g. squamous cell carcinoma, comprising heavy chain variable region complementarity-determining regions
CN 115770292 A 20230310	Zhuhai Mab Biotechnology Co Ltd	China	Vaccine combination product for treatment of disease associated with severe acute respiratory syndrome coronavirus, for use in preparation of pharmaceutical composition for inducing immune response against coronavirus in subject in need, comprises parent strain vaccine, and mutant vaccine
CN 115737617 A 20230307	Chinese Pla Gen Hospital Fifth Medical	China	Use of carnosic acid or its derivative in preparation of medicine for treating and/or preventing type I interferon disease e.g. Aicardi-Goutieres syndrome, adenosine deaminase 2 deficiency or X-linked reticulate pigmentary disorder

Nº de publicación	Solicitante	País de Origen	Contenido técnico
CN 115770291 A 20230310	Zhuhai Mab Biotechnology Co Ltd	China	Vaccine combination product useful for e.g. preventing and/or treating disease or condition associated with severe acute respiratory syndrome coronavirus 2, comprises priming vaccine, first booster vaccine and second booster vaccine
WO 2023019090 A1 20230216	Massachusetts Gen Hospital Univ California	USA USA	New 2-phenyl-oxazole/thiazole compound used in pharmaceutical composition for treating or preventing disease or disorder e.g. stroke
WO 2023014974 A1 20230209	Univ Iowa Res Found Rice Kevin G	USA USA	Composition used for e.g. expressing gene product and for immunizing animal, comprises double stranded (ds) mRNA encoding gene product, in which strand of ds mRNA has 5' cap, start codon and polyadenylation sequence, and distinct lipids
CN 115645385 A 20230131	No 5 Medical Center Of Chinese Pla General Hospital	China	Application of licochalcone B in preparation of medicine for treating and/or preventing type I interferon disease
WO 2023025225 A1 20230302	Adlai Nortye Biopharma Co Ltd	China	New pyrimidinamine-based compound used in preparation of medicine for preventing and treating cyclin K protein-related diseases i.e. tumor, cancer, viral infection, inflammation-related disease and autoimmune diseases in mammal
WO 2022257581 A1 20221215	Univ Sichuan	China	New imidazolidinopyrimidone compounds useful in medicine for preventing and/or treating HsClpP-mediated nervous system diseases, metabolic syndrome and tumor-related diseases, preferably central nervous system tumor

Nº de publicación	Solicitante	País de Origen	Contenido técnico
WO 2023006120 A1 20230202	St Phi Therapeutics Co Ltd	China	New multifunctional complex useful in preparing medicines for treating diseases e.g. solid tumor and blood tumor, viral infectious disease and autoimmune disease comprising natural killer activating receptor assembly

Noticias



Nulidad y caducidad administrativa de los signos distintivos ante la OEPM

Después de mucho tiempo de preparación para que todo se pusiera en marcha y resultara lo mejor posible, ¡por fin llegó el día tan esperado!

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Convocatoria Proceso Selectivo OEPM 2021 y 2022 para ingreso en la Escala de Titulados Superiores de OO.AA. del MINCOTUR

Si quieres trabajar en la Administración General del Estado, y te gusta el mundo de la Propiedad Industrial, ¡Anímate! En el BOE del 27 de diciembre de 2022 se ha publicado la resolución.

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Observancia de los derechos de propiedad industrial en la Unión Europea (UE): resultados en la frontera de la UE y en el mercado interior de la UE, 2021

Desde su acuerdo en 2020, la Dirección General de Fiscalidad y Unión Aduanera de la Comisión Europea (DG TAXUD) y la Oficina de Propiedad Intelectual de la Unión Europea (EUIPO), publican conjuntamente un documento anual que presenta los esfuerzos y trabajos realizados por todas las autoridades en el ámbito de la ejecución de los derechos de propiedad industrial (DPI).

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La OEPM participa de forma activa en el Foro Transfiere 2023

La Oficina Española de Patentes y Marcas, O.A. (OEPM) ha participado en la duodécima edición del Foro Transfiere, Foro Europeo para la Ciencia, Tecnología e Innovación, celebrada en Málaga del 15 al 17 de febrero.

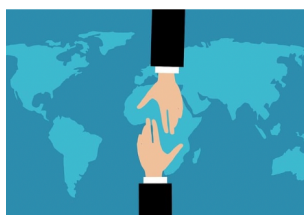
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Nueva Carta de Servicios de la OEPM de Diseños Industriales

Las Cartas de Servicios son documentos que utilizan las diferentes administraciones para informar a los ciudadanos y usuarios sobre los servicios que tienen encomendados, sobre los derechos que les asisten y sobre los compromisos de calidad en su prestación.

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Convenio de cooperación entre la OEPM y el Principado de Asturias en materia de Propiedad Industrial

Desde la Oficina Española de Patentes y Marcas, O.A. (OEPM) se están firmando una serie de acuerdos con las entidades representantes de las Comunidades Autónomas que tienen relación con la propiedad industrial.

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La OEPM en la Semana de la Administración Abierta

Seguramente alguna vez has sentido curiosidad por conocer más a fondo algún ministerio u organismo oficial. Para intentar dar respuesta a estas dudas o inquietudes surgió la Semana de la Administración Abierta. Los días 21 a 24 de marzo la OEPM ha celebrado la semana de la Administración abierta.

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8 de marzo de 2023: Día Internacional de la Mujer

La OEPM con la colaboración de la Empresa Nacional de Innovación S.A., (ENISA), el Centro para el Desarrollo Tecnológico y la Innovación (CDTI) y el Centro Superior de Investigaciones Científicas (CSIC), organizó una jornada donde mujeres referentes en innovación en el sector de la salud y emprendedoras narraron sus experiencias en el mundo del emprendimiento, la transferencia de la tecnología y la búsqueda de inversión.

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Noticias



Publicado el Boletín de Vigilancia Tecnológica (BVT) de Sanidad Animal del cuarto trimestre de 2022
El documento recoge 257 solicitudes de patentes de los últimos avances en sanidad animal de 22 países distintos, en los meses de octubre, noviembre y diciembre de 2022.

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Vet+i y OCV renuevan su Convenio de Colaboración para llevar a cabo actividades conjuntas relacionadas con la I+D+i en Sanidad Animal y la Profesión veterinaria

La firma de este Convenio con la Organización Colegial Veterinaria (OCV) supone la continuación de las acciones y esfuerzos realizados en colaboración en beneficio de la Sanidad Animal en España, asegurando un futuro lleno de nuevas actuaciones.

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La Fundación Vet+i participa en la duodécima edición de Transfiere

Vet+i ha estado presente en varias actividades en el marco del Foro formando parte de una mesa redonda sobre Generación de oportunidades de negocio y en más de veinte reuniones "Business to Business".

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La Alianza de Reino Unido de Uso Responsable de medicamentos en Ganadería (RUMA) entrevista a Vet+responsable

RUMA comienza con España en una serie de artículos sobre las actividades e iniciativas de uso responsable de medicamentos veterinarios en ganadería a nivel internacional, incluidos los antibióticos y las actividades de futuro.

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Vet+i participa en la Jornada PRAN sobre medicamentos veterinarios para la mejora de la disponibilidad de antimicrobianos y sus alternativas

Se presentaron las actividades, iniciativas y proyectos de Vet+i como herramientas para facilitar la disponibilidad de medicamentos veterinarios.

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La Fundación Vet+i participa una vez más como colaborador en Iberzoo Propet 2023

La Fundación Vet+i participó en el evento como miembro del Comité Organizador de "Iberzoo-Propet" y contó con un stand en la exposición donde informó sobre sus últimas actividades e iniciativas en I+D+i en sanidad animal a todos los interesados.

+ MÁS



La Fundación Vet+i asiste a la Feria Internacional para la Producción animal de 2023 Junto con la Vet+i ha estado en Zaragoza impulsando la innovación, internacionalización y uso responsable de medicamentos en animales de ganadería en el ámbito de la Sanidad Animal.

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Publicado el Informe de Actividades de Vet+i 2022

Este documento compila las distintas iniciativas y acciones realizadas por la Fundación durante la anualidad de 2022 y está disponible para su consulta y descarga online.

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Fundación
Vet+i

C/ San Agustín 15, 1º Dcha
28014 Madrid

Tlfno: (+34) 91 088 31 22

secretaria@vetmasi.es

www.vetmasi.es

