

VT

SANIDAD ANIMAL

53

Vigilancia Tecnológica 1º trimestre 2024



MINISTERIO
DE INDUSTRIA
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Oficina Española
de Patentes y Marcas



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 cincuenta y tres recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el primer trimestre de 2024 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



Équidos



Mascotas



Varios

VT Bovino



Número de publicación	Solicitante	País de origen	Contenido técnico
MX 2021000130 A 20210325	United Biomedical Inc	USA	Vacuna de emergencia basada en péptidos sintéticos contra la fiebre aftosa
EP 4302758 A1 20240110	Farm Del Corso Snc Di	Italy	Composition used to treat or prevent gastrointestinal disorder e.g. ulcerative colitis comprises disaccharide, salt of hydrochloric acid, salt of carbonic acid, amino acid having hydrophobic side chain, alkali metal and aluminosilicate
	Ferri Sonia & C		
CN 117045798 A 20231114	Second Military Medical Univ	China	Anti-infection effect and application of SHP2 allosteric inhibitor
CN 117106734 A 20231124	Univ Inner Mongolia	China	Recombinant I-type bovine herpesvirus for expressing conformation before fusion of bovine respiratory syncytial virus F protein as well as construction method and application of recombinant I-type bovine herpesvirus
BR 102022009993 A2 20231128	Magno Dos Santos Rocha	Brazil	Composition useful for treating coronavirus disease 2019 and diseases caused by microorganisms e.g. viruses, bacteria and fungi, and preventing cancer caused by free radicals, comprises active substances
US 2024016780 A1 20240118	Balchem Corp	USA	Increasing magnesium absorption, decreasing side effects from magnesium supplementation, side effects are nausea involves administering magnesium source and ascorbate source to subject, where absorption of magnesium is increased in subject as compared to administration of magnesium source alone

Número de publicación	Solicitante	País de origen	Contenido técnico
NZ 790013 A 20240126	Bayer New Zealand Ltd	New Zealand	Injectable composition useful e.g. for treating microbial infection in mammary gland e.g. clinical mastitis of non-human animal, comprises non-steroidal antiinflammatory drug (NSAID), antibiotic, solubilising agent and propylene glycol
CN 117100855 A 20231124	Univ Hainan	China	Nano composite for preparing nano antibacterial agent, comprises carrier, silver, vancomycin and hemin, where silver, vancomycin and hemin are loaded on carrier and nano composite releases silver ions, vancomycin and hemin under near infrared light irradiation
AU 2023263496 A1 20231130	Gilead Pharmasset Llc	USA	New nucleoside phosphoramidate prodrug for preparing medicament for treating subject infected by virus such as West Nile virus, yellow fever virus, dengue virus, rhino virus, polio virus, hepatitis A virus, bovine viral diarrhea virus, or Japanese encephalitis virus
CN 117244036 A 20231219	Univ Chengdu Shanghai Jiao Tong	China	Natural antibacterial agent for inhibiting Escherichia coli in livestock and poultry, comprises chlorogenic acid, isochlorogenic acid and ginger leaf extract
	Univ Sichuan Research Institute		
CN 117281797 A 20231226	Univ Beijing Agriculture	China	Chitosan nanoparticles are used for inhibiting various pathogenic strains of dairy cow mastitis such as Escherichia coli, Streptococcus agalactiae, and Staphylococcus aureus, reducing oxidative stress in cows, and improving cow immunity.
CN 117247860 A 20231219	Feed Res Inst Caas	China	New Pediococcus pentosaceus JQ-M3 used for treating diarrhea in livestock and poultry, promoting intestinal development of livestock and poultry, improving intestinal absorption capacity of livestock and poultry and inhibiting activity of intestinal pathogenic bacteria in livestock and poultry

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117286111 A 20231226	Harbin Veterinary Res Institute Caas	China	Bovine coronavirus isolate, cell line for stably expressing N protein of bovine coronavirus and application of cell line in construction of reverse genetic operating system
	Harbin Branch Of China Animal Health And Epidemiology Center		
	Univ Yangzhou		
WO 2024018083 A1 20240125	Univ Dublin	Ireland	Vaccine useful e.g. in pharmaceutical composition for diagnosing, preventing or treating verotoxin-producing Escherichia coli (VTEC) infection and hemolytic uremic syndrome (HUS) in mammal, comprises VTEC immunogens
CN 117281796 A 20231226	Zhongmu Quanyao Nanjing Animal Medicine Co Ltd	China	Cefquinome sulfate sustained release preparation for treating cow mastitis and preparation method of cefquinome sulfate sustained release preparation
	Chinanimal Nanjing Veterinary Drugs Co Ltd		
CN 117210370 A 20231212	Gansu Tianfulai Biotechnology Co Ltd	China	New Bacillus subtilis T20 used in preparing products for inhibiting animal pathogenic bacteria, bacteriostatic purposes other than disease treatment, preparing bacteriocins, preparing reducing animal diarrhea rates and/or improving animal disease resistance
CN 117243899 A 20231219	Chongqing Taitong Animal Pharmaceutical Co Ltd	China	Probiotic compound preparation as well as preparation method and application thereof
CN 117286117 A 20231226	Univ Yangzhou	China	New broad-spectrum Salmonella phage SalmpYZU33, for inhibiting reproduction and metabolism of Salmonella in livestock and poultry breeding and transportation environments, and in preparation of drugs or reagents for preventing Salmonella infection in livestock and poultry
WO 2023248871 A1 20231228	Nippon Soda Co	Japan	New heteroaryl compound used for insecticide and acaricide, ectoparasite control agent, internal parasite control or extermination agent, and noxious organism-controlling agent

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023242070 A1 20231221	Akthelia Pharmaceuticals	Iceland	New amine-based compound used in pharmaceutical composition and for forming medicament for treating and preventing disease or condition by improving or restoring gastrointestinal epithelial barrier function of animal
US 2024000881 A1 20240104	Laau Inc	USA	Topical treatment for treating animal wounds, hot spots, mange, sores, open wounds and other skin ailments on animal e.g. dogs, cattle and horses and wild animals and for healing e.g. cuts, scrapes and abrasions, comprises sulfur, Aloe vera or its derivative, hydrocarbon polymer and impurities
CN 117224569 A 20231215	Shanghai Howell Bio Tech Co Ltd	China	Post-medicated bath for dairy cow and preparation method of post-medicated bath
CN 117599077 A 20240227	Suzhou Systems Medicine Inst	China	Use of polynucleotide or its promoter in preparation of product for e.g. treating viral infection or disease related to viral infection by protecting host from DNA virus infection and enhancing host resistance to DNA virus infection
CN 117683649 A 20240312	Univ Nanjing Agric	China	New strain of Candida rugosa NJ5 with antibacterial activity, used for inhibiting Escherichia coli, Salmonella typhimurium and Staphylococcus aureus, and preparing livestock and poultry feed additives for inhibiting growth of harmful microorganisms in intestines of livestock and poultry
WO 2024012504 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cells, tissues or organs of subject comprises factor octamer-binding transcriptional factor 4, any factor consisting of SRY-related HMG-box (SOX)1, SOX3 and GMNN, and factor Krueppel-like factor 4
CN 117551670 A 20240213	Tianjin Acad Agric Sci	China	New immunogenic epitope protein anti-mullerian hormone having specific amino acid sequence, used for improving cattle immunity

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024012502 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for re-juvenating cell, tissue or organ in subject, e.g. restoring cell, tissue or organ of transcription profile or epigenetic information lost by aging, injury or disease comprises octamer-binding transcription factor 4
KR 20240001987 A 20240104	Simple Planet	South Korea	Method for establishing bovine induced pluripotent stem cells from adipose-derived stem cells and use thereof
CN 117547601 A 20240213	Shanghai Shenlian Biomedical Corp	China	The recombinant subunit fusion protein vaccine is useful for preparing medicine for inhibiting bovine viral diarrhea virus and infectious bovine rhinotracheitis virus and preventing and/or treating bovine viral diarrhea and infectious bovine rhinotracheitis
CN 117618403 A 20240301	Univ Lanzhou	China	Use of 1,3-dicarbonyl compound as antibacterial agent in preventing and treating mastitis in milk cows caused by pathogenic bacteria
CN 117512011 A 20240206	Tianjin Acad Agric Sci	China	New recombinant eukaryotic expression vector GV658-COE, used in biological products for preventing and treating bacterial diseases including bovine brucellosis and bovine mycobacteriosis
CN 117603917 A 20240227	Univ Jilin	China	New Pseudomonas aeruginosa single-stranded RNA phage i.e. Pseudomonas aeruginosa phage Ppa61 used for e.g. treating infectious diseases caused by Pseudomonas aeruginosa and killing Pseudomonas aeruginosa aeruginosa in livestock and poultry
CN 117625611 A 20240301	Univ China Agricultural	China	New long non-coding RNA comprising nucleotide sequence with same function formed by replacing, deleting or adding nucleotides, for preparing pharmaceutical composition and screening candidate substances for treating diseases related to infection of bovine infectious rhinotracheitis virus

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117503742 A 20240206	Univ Shandong Normal	China	Use of endosidin-2 for preparing antiviral product for inhibiting virus replication, or inactivating virus comprises vesicular stomatitis virus, herpes simplex virus type I, bovine herpes virus type I and bovine parainfluenza type 3 virus
CN 117547531 A 20240213	Univ Lanzhou	China	Use of berberine derivative in preventing and treating mastitis in dairy cows caused by Streptococcus agalactiae ATCC12386, Streptococcus agalactiae ATCC27956 and Streptococcus dysgalactiae ATCC27957
CN 117442678 A 20240126	Xinjiang Academy Of Animal Sciences Veterinary Res Institute	China	Composition for preventing and treating mastitis as well as preparation method and application thereof
	Univ Shandong Agricultural		
	Institute Of Animal Science Ningxia Academy Of Agriculture And Forestry Sciences Ningxia Grassland A		
WO 2023250436 A1 20231228	Univ Pittsburgh Commonwealth Sys Higher Education	USA	Inducing immune response to vaccine antigen in subject, by administering isolated mammalian extracellular matrix bound vesicles, and vaccine comprising or encoding vaccine antigen, to subject
CN 117384962 A 20240112	Univ Southwest Nationalities	China	Bovine parainfluenza virus type 3 and bovine viral diarrhea virus bivalent adenovirus vector vaccine and application thereof
CN 117402798 A 20240116	Inst Microbiology Cas	China	New recombinant Bacillus Calmette-Guerin (BCG) vaccine comprising using attenuated bovine Mycobacterium tuberculosis BCG as starting strain and knocking out Rv0410c gene in genome, used in preparation of vaccine or drug for prevention and treatment of tuberculosis

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WO 2024011207 A1 20240111	Locus Solutions IpcO Llc	USA	Reducing methane produced in livestock animal's digestive system and/or waste used to enhance overall health of livestock animal comprises contacting composition comprising iron-capturing ingredient with livestock animal's digestive system
CN 117431218 A 20240123	Univ Inner Mongolia	China	New bovine nodular skin disease virus strain i. e. LSDV/NMG/2020 useful in preparing bovine nodosa dermatosis virus vaccine strain and medicine preferably, vaccine for preventing bovine nodosa skin disease
	Beijing Boshi Biotechnology Co Ltd		
CN 117567641 A 20240220	Shanghai Shenlian Biomedical Corp	China	New recombinant fusion protein comprising bovine viral diarrhea virus E2 antigen and infectious bovine rhinotracheitis virus glycoprotein D antigen and bovine antibody fragment crystallizable protein fragment, used in vaccine for treating bovine viral diarrhea and infectious bovine rhinotracheitis
CN 117442609 A 20240126	Univ Lanzhou	China	Application of tetrahydrocarbazole derivative in prevention and treatment of dairy cow mastitis pathogenic bacteria
US 11903962 B1 20240220	Farber Michael	USA	Treating animal parasitic infection such as tick infestation of Dermanyssus or Ornithonyssus species, and lice infestation, involves administering shelf-stable cyclodextrin complex of isooxazoline, where cyclodextrin is 2-hydroxypropyl beta-cyclodextrin, and isooxazoline is fluralaner
WO 2024025209 A1 20240201	Intron Biotechnology Inc	South Korea	New antibacterial protein SBL200 having Streptococci-specific antibacterial activity and specific amino acid sequence, used in composition for treating streptococcal infection, preferably mastitis in cows

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117530955 A 20240209	Univ Jilin	China	Preparation used for e.g. preparing product for preventing and treating ruminant mastitis and rumen flora disorders in ruminants, comprises carbonate buffer mixture and further comprises inulin and/or corn soluble fiber, where preparation does not contain antibiotics
CN 117660249 A 20240308	Guangdong Acad Sci Microbiology Inst	China	New <i>Pediococcus acidilactici</i> 36E-3, used in preparation of antibacterial microbial agent against <i>Escherichia coli</i> , <i>Listeria monocytogenes</i> , <i>Salmonella</i> , <i>Enterobacter sakazakii</i> , <i>Bacillus cereus</i> or <i>Staphylococcus aureus</i> , where <i>Escherichia coli</i> is diarrheagenic <i>Escherichia coli</i>
WO 2024026536 A1 20240208	Univ Griffith	Australia	New substituted 3,4-dihydro-2H-pyran compound used in pharmaceutical composition for treating or preventing disease, disorder or condition caused by viral infection, chosen from parainfluenza, influenza, croup, bronchiolitis and pneumonia
WO 2024025206 A1 20240201	Intron Biotechnology Inc	South Korea	New antibacterial protein SSL200 that has specific antibacterial activity against <i>Staphylococcus</i> , preferably <i>Staphylococcus aureus</i> comprising amino acid sequence used for composition for treating staphylococcal infection, and treating mastitis in cow
CN 117646032 A 20240305	Harbin Veterinary Res Inst Caas	China	Reverse genetic operating system used to rescue Bovine herpes virus type-1 (BHV-1), construct BHV-1 mutants or modify BHV-1 genome, and prepare recombinant vaccine for bovine infectious rhinotracheitis, comprises specific recombinant cosmids of BHV-1 viral genome
WO 2024000068 A1 20240104	Univ Kingston Kingston Health Sciences Centre	Canada	Treating toxins in subject comprises administering protein that comprises human telomerase RNA (HTRA)-NS protein having specified amino acid sequence

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WO 2024020589 A1 20240125	Kodiscovery Llc	USA	Animal treatment product useful for treating e.g. canine atopic dermatitis, kidney disease, and leukemia, comprises animal food product, cellular energy inhibitor composition combined
CN 117363582 A 20240109	China Inst Veterinary Drugs Control	China	Hybridoma cell strain secreting monoclonal antibody against peste des petits ruminants virus F protein, monoclonal antibody and application thereof
CN 117442716 A 20240126	Spirit Jinyu Biological Pharmaceutical Co Ltd	China	Veterinary vaccine further comprises an inactivated antigen, where the inactivated antigen includes foot-and-mouth disease type O antigen, bovine viral diarrhea antigen, infectious rhinotracheitis antigen, pseudorabies gene deletion marker antigen, bovine epidemic fever antigen, and/or porcine Seneca antigen.
WO 2024025881 A2 20240201	Inimmune Corp	USA	New 4-benzylamide compound used in pharmaceutical composition for treating disease, disorder, or condition associated with stimulator of interferon genes, e.g. cancer
KR 102615970 B1 20231221	Republic Korea Animal & Plant Quarantine Agency Baronbio	South Korea	Producing hyperimmune serum as veterinary composition to prevent and treat e.g. bovine viral diarrhea, comprises e.g. infecting host cell with bovine diarrhea-causing virus to obtain sub-cultured virus, and inoculating sub-cultured virus
CN 117165530 A 20231205	Chinese Acad Inspection & Quarantine	China	New immortalized cell line useful e.g. in replication, culture, proliferation, detection, identification and/or studying infection mechanism of animal viruses, and in preparing vaccine, preferably sheeppox vaccine, bovine nodular dermatosis vaccine and red feather disease vaccine



Ovino y Caprino



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117089524 A 20231121	Lanzhou Veterinary Res Inst Caas	China	New immortalized sheep fetal fibroblast cell line useful for propagating sheep aphtha virus strains, where immortalized sheep fetal fibroblast cell line is sheep fetal fibroblast sheep fetal fibroblasts cell-T
CN 117045798 A 20231114	Second Military Medical Univ	China	Anti-infection effect and application of SHP2 allosteric inhibitor
BR 102022009993 A2 20231128	Magno Dos Santos Rocha	Brazil	Composition useful for treating coronavirus disease 2019 and diseases caused by microorganisms e.g. viruses, bacteria and fungi, and preventing cancer caused by free radicals, comprises active substances
NZ 790013 A 20240126	Bayer New Zealand Ltd	New Zealand	Injectable composition useful e.g. for treating microbial infection in mammary gland e.g. clinical mastitis of non-human animal, comprises non-steroidal anti-inflammatory drug (NSAID), antibiotic, solubilising agent and propylene glycol
CN 117100855 A 20231124	Univ Hainan	China	Nano composite for preparing nano antibacterial agent, comprises carrier, silver, vancomycin and hemin, where silver, vancomycin and hemin are loaded on carrier and nano composite releases silver ions, vancomycin and hemin under near infrared light irradiation
CN 117244036 A 20231219	Univ Chengdu Shanghai Jiao Tong Univ	China	Natural antibacterial agent for inhibiting Escherichia coli in livestock and poultry, comprises chlorogenic acid, isochlorogenic acid and ginger leaf extract
	Sichuan Research Institute		

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CN 117210370 A 20231212	Gansu Tianfulai Biotechnology Co Ltd	China	New Bacillus subtilis T20 used in preparing products for inhibiting animal pathogenic bacteria, bacteriostatic purposes other than disease treatment, preparing bacteriocins, preparing reducing animal diarrhea rates and/or improving animal disease resistance
CN 116983290 A 20231103	Univ Jilin	China	Experimental method for treating mastitis disease by using astaxanthin
CN 117286117 A 20231226	Univ Yangzhou	China	New broad-spectrum Salmonella phage SalmpY-ZU33, for inhibiting reproduction and metabolism of Salmonella in livestock and poultry breeding and transportation environments, and in preparation of drugs or reagents for preventing Salmonella infection in livestock and poultry
WO 2023248871 A1 20231228	Nippon Soda Co	Japan	New heteroaryl compound used for insecticide and acaricide, ectoparasite control agent, internal parasite control or extermination agent, and noxious organism-controlling agent
CN 117599077 A 20240227	Suzhou Systems Medicine Inst	China	Use of polynucleotide or its promoter in preparation of product for e.g. treating viral infection or disease related to viral infection by protecting host from DNA virus infection and enhancing host resistance to DNA virus infection
CN 117683649 A 20240312	Univ Nanjing Agric	China	New strain of Candida rugosa NJ5 with antibacterial activity, used for inhibiting Escherichia coli, Salmonella typhimurium and Staphylococcus aureus, and preparing livestock and poultry feed additives for inhibiting growth of harmful microorganisms in intestines of livestock and poultry

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024012504 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cells, tissues or organs of subject comprises factor octamer-binding transcriptional factor 4, any factor consisting of SRY-related HMG-box (SOX)1, SOX3 and GMNN, and factor Krueppel-like factor 4
WO 2024012502 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cell, tissue or organ in subject, e.g. restoring cell, tissue or organ of transcription profile or epigenetic information lost by aging, injury or disease comprises octamer-binding transcription factor 4
CN 117624382 A 20240301	Univ Northwest A & F	China	New acid-resistant recombinant antibacterial peptide comprising recombinant sheep beta-defensin 2 protein, used for preparing antibacterial additive and sheep feed, and preparing antibacterial agents having inhibitory effect on pathogenic Escherichia coli
CN 117604000 A 20240227	Univ Tarim	China	Construction method of enhanced sheep pneumonia mycoplasma antigen protein TU-goat pox virus recombinant multivalent vaccine, comprises performing analysis of immunogenic sequence, constructing recombinant expression vector, screening of multivalent viruses and eliminating dual reporting system
CN 117587024 A 20240223	Univ Nanjing Agric	China	Use of calcium-binding protein A9 gene with specified nucleotide sequence for e.g. improving ability of sheep neutrophil to remove mycoplasma pneumoniae, improving resistance of sheep to mycoplasma pneumoniae, and improving resistance of sheep to infectious pleuropneumonia

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117603917 A 20240227	Univ Jilin	China	New Pseudomonas aeruginosa single-stranded RNA phage i.e. Pseudomonas aeruginosa phage Ppa61 used for e.g. treating infectious diseases caused by Pseudomonas aeruginosa and killing Pseudomonas aeruginosa in livestock and poultry
CN 117165530 A 20231205	Chinese Acad Inspection & Quarantine	China	New immortalized cell line useful e.g. in replication, culture, proliferation, detection, identification and/or studying infection mechanism of animal viruses, and in preparing vaccine, preferably sheeppox vaccine, bovine nodular dermatosis vaccine and red feather disease vaccine
CN 117305366 A 20231229	Univ Tarim	China	Construction method of sheep clostridium welchii antigen protein-sheep pox virus vaccine strain recombinant multivalent vaccine
CN 117442678 A 20240126	Xinjiang Academy Of Animal Sciences Veterinary Res Institute	China	Composition for preventing and treating mastitis as well as preparation method and application thereof
	Univ Shandong Agricultural		
	Institute Of Animal Science Ningxia Academy Of Agriculture And Forestry Sciences Ningxia Grassland A		
CN 117187146 B 20240126	China Inst Veterinary Drug Control	China	New brucellosis protective strain useful for preparing brucellosis vaccine, medicine for preventing and treating diseases and inducing protective immune response against Brucella and reagent for diagnosing diseases caused by brucellosis
CN 117405884 A 20240116	Zhuhai Langtai Biotechnology Co Ltd	China	Sheep whole blood brucella antibody detection kit

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WO 2023250436 A1 20231228	Univ Pittsburgh Commonwealth Sys Higher Education	USA	Inducing immune response to vaccine antigen in subject, by administering isolated mammalian extracellular matrix bound vesicles, and vaccine comprising or encoding vaccine antigen, to subject
WO 2024011207 A1 20240111	Locus Solutions Ipco Llc	USA	Reducing methane produced in livestock animal's digestive system and/or waste used to enhance overall health of livestock animal comprises contacting composition comprising iron-capturing ingredient with livestock animal's digestive system
CN 117530955 A 20240209	Univ Jilin	China	Preparation used for e.g. preparing product for preventing and treating ruminant mastitis and rumen flora disorders in ruminants, comprises carbonate buffer mixture and further comprises inulin and/or corn soluble fiber, where preparation does not contain antibiotics
CN 117430714 A 20240123	West China Hospital Sichuan Univ	China	Chimeric antigen receptor, modified immune cell and construction method of immune hepatitis and hepatic fibrosis animal model
CN 117660249 A 20240308	Guangdong Acad Sci Microbiology Inst	China	New <i>Pediococcus acidilactici</i> 36E-3, used in preparation of antibacterial microbial agent against <i>Escherichia coli</i> , <i>Listeria monocytogenes</i> , <i>Salmonella</i> , <i>Enterobacter sakazakii</i> , <i>Bacillus cereus</i> or <i>Staphylococcus aureus</i> , where <i>Escherichia coli</i> is diarrheagenic <i>Escherichia coli</i>
CN 117417940 A 20240119	Univ Inner Mongolia Agri	China	Novel foot-and-mouth disease virus nano antibody
CN 117384963 A 20240112	Univ Tarim	China	<i>Mycoplasma capripneumoniae</i> M17 antigen gene-capripox virus recombinant multivalent vaccine and construction method thereof

Número de publicación	Solicitante	País de origen	Contenido técnico
<p>WO 2024020589 A1 20240125</p>	<p>Kodiscovery Llc</p>	<p>USA</p>	<p>Animal treatment product useful for treating e.g. canine atopic dermatitis, kidney disease, and leukemia, comprises animal food product, cellular energy inhibitor composition combined</p>
<p>CN 117534733 A 20240209</p>	<p>Univ Heilongjiang Bayi Agric</p>	<p>China</p>	<p>New antibacterial peptide CM24 comprising specific amino acid sequence, used in preparing antibacterial products such as antibacterial drugs or feed additives against Escherichia coli, Salmonella enterica, Enterobacter aerogenes, Streptococcus agalactiae and Staphylococcus aureus</p>

VT Porcino



Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024057048 A1 20240321	Consejo Superior Investigacion	Spain	New attenuated African swine fever (ASF) virus (ASFV) comprising modified form of genome of ASFV Armenia/07 strain, in which repair DNA polymerase X (O174L) and Cd2-like protein (EP402R) gene have been inactivated, used e.g. to prevent ASF
	Careside Co Ltd	South Korea	
MX 2021000130 A 20210325	United Biomedical Inc	USA	Vacuna de emergencia basada en péptidos sintéticos contra la fiebre aftosa
CN 117143888 A 20231201	Shanghai Jiewei Medical Tech Co Ltd	China	Porcine circovirus 2a, 2b and 2d type trivalent virus-like particle vaccine as well as preparation method and application thereof
ZA 202202219 B 20220629	Univ Sichuan Agricultural	China	Liposome mixture-coated African Swine Fever Virus (ASFV) mRNA vaccine and preparation method thereof
	Sichuan Xinxingao Biotechnology Co Ltd		
CN 117045798 A 20231114	Second Military Medical Univ	China	Anti-infection effect and application of SHP2 allosteric inhibitor
US 2024002381 A1 20240104	Incyte Corp	USA	Method for treating a viral infection such as infection with adenovirus, Epstein-Barr virus, hepatitis B virus, hepatitis C virus, a herpes virus, human immunodeficiency virus, pox virus, herpes simplex infections and reactivations, cold sores, herpes zoster infections and reactivations, chickenpox, shingles, human papilloma virus, cervical neoplasia, adenovirus infections, poxvirus infections, and African swine fever virus

Número de publicación	Solicitante	País de origen	Contenido técnico
ZA 202202524 B 20220525	Univ Sichuan Agricultural Sichuan Xinxingao Biotechnology Co Ltd	China	Preparing recombinant pseudorabies virus used in the development of pseudorabies virus vaccine comprises inserting a gene fragment containing African swine fever virus p72 and B602L into pEG-FP-gI28k vector and preparing recombinant virus
BR 102022009993 A2 20231128	Magno Dos Santos Rocha	Brazil	Composition useful for treating coronavirus disease 2019 and diseases caused by microorganisms e.g. viruses, bacteria and fungi, and preventing cancer caused by free radicals, comprises active substances
CN 117069785 A 20231117	Zhongsheng Funuojian Biotechnology Shanghai Co Ltd	China	New lipid compounds for use in lipid nanoparticle and pharmaceutical composition that are utilized for manufacturing medicament for increasing immune response, preventing/treating cancer, infectious disease, allergy and autoimmune disease, and vaccine, preferably tumor, influenza or rabies vaccine
	Shanghai Funuojian Biotechnology Co Ltd		
WO 2023238894 A1 20231214	Univ Tohoku	Japan	The agent is useful for providing antiviral effect against virus chosen from corona virus, influenza virus and Ebola virus, and preventing and treating viral infectious disease in livestock and human.
	Univ Nagasaki		
CN 117138035 A 20231201	Zhejiang Hongsheng Biotechnology Co Ltd Jiangsu Acad Agricultural Sci	China	Preparation method and application of porcine delta coronavirus inactivated vaccine
	Xinchang Tianlao Laboratory		

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117143229 A 20231201	Liaoning Namei Ante Biotechnology Co Ltd	China	New anti-K88ac specific oral antibody is used for resisting K88ac enterotoxigenic Escherichia coli (ETEC) pilus of piglet diarrhea pathogen, where antibody uses prokaryotic expression system to express and purify structural protein FaeG (262aa) of K88ac ETEC to screen out specific antibodies
CN 117069805 A 20231117	Qingdao Genyuan Biological Tech Group Co Ltd	China	New antibacterial peptide ATMP7 mutant A7-S1 used for improving anti-oxidative stress ability of animal after attacking virus and used in preparing antibacterial agent for inhibiting Clostridium welchii and Escherichia coli
CN 117088967 A 20231121	Spirit Jinyu Biological Pharmaceutical Co Ltd	China	Porcine pseudorabies virus positive serum as well as preparation method and application thereof
CN 117100855 A 20231124	Univ Hainan	China	Nano composite for preparing nano antibacterial agent, comprises carrier, silver, vancomycin and hemin, where silver, vancomycin and hemin are loaded on carrier and nano composite releases silver ions, vancomycin and hemin under near infrared light irradiation
CN 117106643 A 20231124	Inst Of Animal Husbandry & Veterinary Medicine	China	Serum type 8 haemophilus parasuis natural attenuated strain with cross protection force and application of serum type 8 haemophilus parasuis natural attenuated strain
	Henan Academy Agricultural Sciences		
CN 117210467 A 20231212	Univ Shihezi	China	Anti-porcine reproductive and respiratory syndrome miRNAs and application thereof
	Xinjiang Taikun Group Co Ltd		
CN 117229421 A 20231215	Univ Yangzhou	China	Specific epitope of target antigen in extracellular region of African swine fever virus outer envelope protein CD2v as well as antibody and application thereof

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117244036 A 20231219	Univ Chengdu Shanghai Jiao Tong	China	Natural antibacterial agent for inhibiting Escherichia coli in livestock and poultry, comprises chlorogenic acid, isochlorogenic acid and ginger leaf extract
	Univ Sichuan Research Institute		
CN 117285633 A 20231226	Univ Yangzhou	China	Porcine RIG-I-like receptor LGP2 specific monoclonal antibody and application
CN 117224669 A 20231215	Lanzhou Veterinary Res Inst Caas	China	Application of African swine fever virus MGF360-21R protein as immunity inducer or adjuvant
CN 117230027 A 20231215	Inst Microbiology Cas China Inst Veterinary Drugs Control	China	African swine fever virus attenuated strain as well as preparation method and application thereof
CN 117186243 A 20231208	Sichuan Sanyoukang Biotechnology Co Ltd	China	Porcine interleukin 15, 21 and 23 co-expression biological agent material and application thereof
US 2024076321 A1 20240307	Boehringer Ingelheim Animal Health Usa Inc	USA	New polypeptide is selected from Porcine Circovirus 2 (PCV2) ORF2 protein having specific amino acid residue at specific amino acid position, or PCV2 ORF2 protein containing mutation in BC loop, or combination of above two proteins, for immunogenic composition used in treatment of infection with PCV2
CN 117281893 A 20231226	Jiangsu Acad Agricultural Sci	China	African swine fever virus polypeptide vaccine
	Shouyong Bio Product Taizhou Guotai Tech Innovation Center		
CN 117210370 A 20231212	Gansu Tianfulai Biotechnology Co Ltd	China	New Bacillus subtilis T20 used in preparing products for inhibiting animal pathogenic bacteria, bacteriostatic purposes other than disease treatment, preparing bacteriocins, preparing reducing animal diarrhea rates and/or improving animal disease resistance

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 220616752 U 20240319	Shandong Baibang Shiji Technology Co Ltd	China	Kit for collecting and detecting swine fever virus blood sample, has supporting rod whose upper end is fixedly connected with placing plate
CN 117209595 A 20231212	Lanzhou Veterinary Res Inst Caas	China	Monoclonal antibody 4F10 capable of resisting neutralizing activity of African swine fever virus P72 protein and application of monoclonal antibody 4F10
CN 117281824 A 20231226	Univ South China Agricult	China	Use of reagent for promoting tripartite motif gene expression in preparing product for resisting or treating porcine circovirus by inhibiting replication of porcine circovirus
CN 117229392 A 20231215	Lanzhou Veterinary Res Inst Caas	China	Monoclonal antibody 5A8 capable of resisting neutralizing activity of African swine fever virus P72 protein and application of monoclonal antibody 5A8
CN 117224548 A 20231215	Univ Liaocheng	China	Application of diltiazem hydrochloride in preparation of medicine for resisting porcine respiratory and reproductive disorder syndrome virus
CN 117286117 A 20231226	Univ Yangzhou	China	New broad-spectrum Salmonella phage Salm-pYZU33, for inhibiting reproduction and metabolism of Salmonella in livestock and poultry breeding and transportation environments, and in preparation of drugs or reagents for preventing Salmonella infection in livestock and poultry
CN 117281894 A 20231226	Lanzhou Veterinary Res Inst Caas	China	African swine fever virus living vector vaccine as well as preparation method and application thereof
CN 117285603 A 20231226	Jiangsu Acad Agricultural Sci	China	New polypeptide or protein, or its active fragment comprising specific amino acid sequence used in preparing bispecific nanobody for preparing porcine foot-and-mouth disease vaccine

Número de publicación	Solicitante	País de origen	Contenido técnico
TW 202346328 A 20231201	Academia Sinica	Taiwan	New recombinant antibody or its fragment comprising variable light chain (VL) domain and variable heavy chain (VH) domain, useful for diagnosing infection of African swine fever virus (ASFV)
CN 117192111 A 20231208	Harbin Veterinary Res Institute Caas	China	Preparation method and application of African swine fever virus membrane protein MGF110-13L
	Harbin Branch Of China Animal Health And Epidemiology Center		
CN 117286162 A 20231226	Univ Yangzhou	China	Constructing recombinant porcine delta coronavirus infectious clone useful in e.g. preparing PDCoV vaccine, comprises amplifying target fragment, performing electroporation of targeting fragment for first round of genetic recombination, and removing restriction digestion site and resistance gene
CN 117209596 A 20231212	Lanzhou Veterinary Res Inst Caas	China	Monoclonal antibody 2C9 capable of resisting neutralizing activity of African swine fever virus P72 protein and application of monoclonal antibody 2C9
WO 2024029707 A1 20240208	Eulji Univ Industry Academy Cooperation Foundation	South Korea	New infectious chimeric strain of porcine reproductive and respiratory syndrome virus (PRRSV) useful for preventing or treating North American and European PRRS, comprises hybrid genome comprising mixture of genome regions derived from European and North American PRRSV strain genomes
CN 117327667 A 20240102	Harbin Veterinary Res Institute Caas	China	Recombinant African swine fever virus strain and construction method thereof
	Harbin Branch Of China Animal Health And Epidemiology Center		
CN 117430713 A 20240123	Sichuan Sanyoukang Biotechnology Co Ltd	China	Porcine EGF (Epidermal Growth Factor), Ghrelin and IGF-1 (Insulin Growth Factor-1) co-expressed fusion protein, nucleic acid molecule, biological material, application and product

Número de publicación	Solicitante	País de origen	Contenido técnico
US 2024050399 A1 20240215	Epitogenesis Inc	USA	Method for treating an infection in a mammalian subject, or treating a subject infected with single-stranded RNA viruses, such as Hepatitis C virus, tick borne encephalitis virus, and porcine reproductive and respiratory syndrome; and beta-corona virus infection such as severe-acute-respiratory-syndrome-related coronavirus (SARS CoV), middle east respiratory syndrome.
CN 117587039 A 20240223	Univ Sichuan	China	New gene has nucleotide sequence comprising its nucleobases, used for coding recombinant Porcine Delta-coronavirus Nucleocapsid protein used in kit for detecting PDCoV-N antibody in serum sample by competition enzyme-linked immunosorbent assay detection
CN 117624345 A 20240301	Luoyang Putai Biotechnology Co Ltd	China	New antibody or antigen-binding fragment specifically binding African swine fever virus P30 protein or biological material useful in preparation of products for detecting African swine fever virus, comprising heavy chain and light chain variable region
CN 117683649 A 20240312	Univ Nanjing Agric	China	New strain of Candida rugosa NJ5 with antibacterial activity, used for inhibiting Escherichia coli, Salmonella typhimurium and Staphylococcus aureus, and preparing livestock and poultry feed additives for inhibiting growth of harmful microorganisms in intestines of livestock and poultry
CN 117683737 A 20240312	Univ Tsinghua	China	New recombinant vesicular stomatitis virus, used for preparing products to prevent or treat diseases caused by swine acute diarrhea syndrome coronavirus, preparing swine acute diarrhea syndrome coronavirus antibody products and preparing swine acute diarrhea syndrome vaccine

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024012504 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cells, tissues or organs of subject comprises factor octamer-binding transcriptional factor 4, any factor consisting of SRY-related HMG-box (SOX)1, SOX3 and GMNN, and factor Krueppel-like factor 4
CN 117159708 A 20231205	Univ China Agricultural	China	Application of compound targeting 3CL-pro in inhibiting porcine reproductive and respiratory syndrome virus
WO 2024012502 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cell, tissue or organ in subject, e.g. restoring cell, tissue or organ of transcription profile or epigenetic information lost by aging, injury or disease comprises octamer-binding transcription factor 4
CN 117164677 A 20231205	Shanghai Veterinary Res Inst Chinese Academy Agricultural Sciences China Ct Animal	China	Antigen peptide of porcine reproductive and respiratory syndrome virus NSP4 and polyclonal antibody thereof
US 2024024448 A1 20240125	Boehringer Ingelheim Animal Health Usa Inc	USA	Composition or vaccine used in vaccination kit or set for vaccinating animal or inducing immunogenic or protective response in animal against pig pathogens, increasing ability of pigs to gain weight, comprises M hyo antigen, and porcine circovirus type 2 antigen, and Porcine Reproductive antigen
KR 20240011400 A 20240126	Eagle Vet Tech Co Ltd	South Korea	Veterinary composition useful for relieving stress in vaccinated animals, and preventing and treating foot-and-mouth disease and avian influenza, comprises acetaminophen and butaphosphan
CN 117551179 A 20240213	Univ Henan Agric	China	New African swine fever virus (ASFV) multi-epitope peptide useful for preparing vaccine for preventing and treating ASF

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117599176 A 20240227	Univ Sun Yat-Sen	China	Use of programmed death factor 4 for preparation of preparations for regulating pig resistance to porcine reproductive and respiratory syndrome virus, reagents for promoting expression of programmed death factor 4 in preparation of drugs for treating porcine reproductive and respiratory syndrome
CN 117159527 A 20231205	Univ China Agricultural	China	Application of itaconic acid in inhibiting porcine reproductive and respiratory syndrome virus
CN 117551210 A 20240213	Chongqing Acad Animal Sci	China	New immunogenic-optimized porcine epidemic diarrhea virus S protein autonomously named as SCW comprising melittin precursor, porcine epidemic diarrhea virus S protein, linker, cholera toxin subunit B and woodchuck hepatitis virus post-transcriptional regulatory element used in preparing vaccine
	Univ Southwest Live Pigs Technology Innovation Cent Cho		
CN 117297668 A 20231229	Shanghai Mingjie Biotechnology Co Ltd	China	Classical swine fever virus reagent detection device
EP 4310499 A1 20240124	Sunplus Tech Co Ltd Kao Hsi Teng	Taiwan	Detection chip useful for: detecting porcine reproductive and respiratory syndrome virus (PRRSV); detecting porcine epidemic diarrhea virus (PEDV); and detecting cortisol
CN 117379431 A 20240112	West China Hospital Sichuan Univ	China	Application of pyrimidine derivative in preparation of medicine for resisting porcine reproductive and respiratory syndrome virus
WO 2024018033 A1 20240125	Univ Basel	Switzerland	Composition used to protect from disease caused by pathogenic bacterium comprises probiotic component having bacteria of live avirulent strain of pathogen, and vaccine component having inactivated vaccine strain of bacteria
	Eth Zuerich		

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117603858 A 20240227	Univ Nanjing Agric	China	New Streptococcus suis SS9-CZ type 9 vaccine strain, used in preparation of drug for preventing animal infection with Streptococcus suis, preventing pigs from being infected by Streptococcus suis and preventing Streptococcus suis-related diseases including meningitis, sepsis and arthritis
CN 117257930 A 20231222	Wuhan Huateng Jikang Biological Tech Co Ltd	China	Porcine coronavirus D and porcine epidemic diarrhea combined live vaccine and preparation method thereof
CN 117304274 A 20231229	Dongwo Tongtai Fengcheng Biological Eng Co Ltd	China	Self-assembled nanoparticle protein, African swine fever multivalent vaccine and preparation method and application of self-assembled nanoparticle protein and African swine fever multivalent vaccine
CN 117305254 A 20231229	Univ Henan Agricultural	China	Porcine delta coronavirus mutant virus rPD-CoV and rescue method and application thereof
CN 117551207 A 20240213	Shanghai Shenlian Biomedical Corp	China	Anti-porcine pseudorabies virus and swine fever virus recombinant subunit fusion protein vaccine used in preparation of drug for preventing and/or treating swine pseudorabies and swine fever, comprises immunogenic rgD-rE2-Fc fusion protein and carrier
CN 117551190 A 20240213	Univ Xinxiang	China	New anti-porcine reproductive and respiratory syndrome virus monoclonal antibody 28F6 useful for preparing kit, preferably ELISA kit for detecting PRRSV
	Henan Yifa Animal Husbandry Co Ltd		
CN 117603892 A 20240227	Univ Jilin	China	New O-acetylhomoserine sulfhydrylase gene deletion strain used in preparing medicine for preventing Streptococcus suis type 2 infection and prepared using primers delta oahs-F1/delta-R1 to amplify upstream and downstream strain gene segments

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117604001 A 20240227	Univ Yangzhou	China	New open reading frame (ORF) 2-6 consensus sequence useful for preparing type 1 porcine reproductive and respiratory syndrome chimeric virus ORF2-6-CON for preparing type 1 porcine reproductive and respiratory syndrome virus genetic engineering vaccine candidate strain
WO 2024032805 A1 20240215	Univ Zhejiang	China	New recombinant porcine coronavirus, having deletion of complete nonstructural protein 2 coding sequence in its genome, used for e.g. preventing disease caused by infection with porcine epidemic diarrhea virus
	Boehringer Ingelheim Vetmedica China Co Ltd		
CN 117304273 A 20231229	Dongwo Tongtai Fengcheng Biological Eng Co Ltd	China	Foot-and-mouth disease nano vaccine based on self-assembled nanoparticle protein and preparation method thereof
CN 117598410 A 20240227	Univ Guangdong Ocean	China	Complex microbial formulation useful for e.g. treating diarrhea caused by bacterial infection and inflammatory bowel disease in pig, reducing colonization of pathogenic bacteria, comprises butyrolactone-I and Lactobacillus johnsonii
	Shenzhen Res Inst		
CN 117503791 A 20240206	Univ South China Agric	China	Use of ((S)-2-amino-5-(1-amino-ethylamino)-pentanoyl)-sulfamic acid (2R,3S,4R,5R)-5-(6-amino-purin-9-yl)-3,4-dihydroxy-tetrahydro-furan-2-ylmethyl ester for preparing drugs against porcine reproductive and respiratory syndrome virus
KR 20240019014 A 20240214	Eulji Univ Industry Academy Cooperation Foundation	South Korea	Chimeric strains of North American and European porcine reproductive and respiratory syndrome viruses
CN 117599053 A 20240227	Lanzhou Veterinary Res Inst China Agric	China	Use of niacinamide in preparing medicine for resisting virus causing diarrhea in animal, where virus causing animal diarrhea comprises epidemic diarrhea virus comprising porcine epidemic diarrhea virus, coronavirus comprising swine delta coronavirus

Número de publicación	Solicitante	País de origen	Contenido técnico
KR 20240003788 A 20240110	Industry Academic Cooperation Foundation Of Suncheon National Univ	South Korea	Wearable internet-of-things device for convergence livestock monitoring system, has battery unit that provides driving power to sensor unit, communication unit and chip unit, where sensor and each unit are formed on printed circuit board
CN 117599077 A 20240227	Suzhou Systems Medicine Inst	China	Use of polynucleotide or its promoter in preparation of product for e.g. treating viral infection or disease related to viral infection by protecting host from DNA virus infection and enhancing host resistance to DNA virus infection
CN 117482066 A 20240202	Shenzhen Bioeasy Biotechnology Co Ltd	China	Lipid composition for delivering therapeutic agent, which is nucleic acid, preferably mRNA encoding pharmaceutical protein i.e. porcine circovirus type 2 capsid protein to subject or cell to express protein, comprises imidazole compounds, neutral helper lipid, sterol and polyethylene glycol lipid
	Shenzhen Aiyi Biotechnology Co Ltd		
	Shenzhen Shenlan Tech Co Ltd		
CN 117503735 A 20240206	Henan Acad Agric Sci	China	Use of honokiol for preparing medicine for inhibiting porcine reproductive and respiratory syndrome virus (PRRSV) infection, and for inhibiting virus RNA content, abundance of viral proteins and virus titer of PRRSV infection
CN 117531004 A 20240209	Henan Muxiang Biotechnology Co Ltd	China	Polypeptide composition useful in preparing medicine or medicinal composition for preventing and treating porcine reproductive and respiratory syndrome comprises thymosin and spirulina polypeptide
	Henan Muxiang Qingyulan Bioeng Co Ltd		
	Henan Soar Veterinary Pharm Co Ltd		
KR 20240019015 A 20240214	Eulji Univ Industry Academy Cooperation Foundation	South Korea	Method for preparing chimeras of North American and European porcine reproductive and respiratory syndrome viruses
CN 117343149 A 20240105	Shanghai Veterinary Res Inst Chinese Academy Agricultural Sciences China Ct Animal	China	Preparation and application of PRRSV non-structural protein Nsp2 synthetic peptide polyclonal antibody

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023250436 A1 20231228	Univ Pittsburgh	USA	Inducing immune response to vaccine antigen in subject, by administering isolated mammalian extracellular matrix bound vesicles, and vaccine comprising or encoding vaccine antigen, to subject
	Commonwealth Sys Higher Education		
CN 117567642 A 20240220	Shanghai Shenlian Biomedical Corp	China	New recombinant subunit fusion protein comprising porcine pseudorabies virus gD antigen, classical swine fever virus E2 antigen, and porcine antibody Fc protein fragments, used in preparation of vaccines
CN 117417457 A 20240119	Univ South China Agricult	China	PCV2 (porcine circovirus 2) and PCV3 (porcine circovirus 3) fused Cap protein bivalent subunit vaccine as well as preparation method and application thereof
CN 117388491 A 20240112	Lanzhou Veterinary Res Inst Caas	China	Liquid phase blocking enzyme-linked immunosorbent assay kit, i.e. neutralizing antibody liquid phase blocking ELISA reagent used for neutralizing antibody of porcine circovirus, comprises porcine circovirus single domain antibody and matched detection reagent
CN 117398396 A 20240116	Univ South China Agricult	China	Application of toosendanin in preparation of medicine for preventing and treating porcine reproductive and respiratory syndrome
CN 117414419 A 20240119	Zhejiang Hongsheng Biotechnology Co Ltd Jiangsu Acad Agricultural Sci	China	Preparation method and application of triple inactivated vaccine for porcine transmissible gastroenteritis, porcine epidemic diarrhea and porcine delta coronavirus
	Xinchang Tianlao Laboratory		
CN 117343886 A 20240105	Inst Of Animal Husbandry & Veterinary Medicine Henan Academy Agricultural Sciences	China	Double-gene-deleted serum type 5 haemophilus parasuis attenuated vaccine strain as well as construction method and application thereof
CN 117402834 A 20240116	Wuhan Huateng Jikang Biological Tech Co Ltd	China	Porcine coronavirus D and application thereof

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117534734 A 20240209	Lanzhou Veterinary Res Inst China Agric	China	New dominant antigenic epitope region of African swine fever virus p30 protein, used in detecting African swine fever virus infection or detecting African swine fever virus antibodies, preventing and treating African swine fever virus infection, and preparing African swine fever virus antibodies
CN 117586935 A 20240223	Univ Huazhong Agric	China	The mixture of lactic acid bacteria is used in the preparation of oral vaccine for enterotoxigenic Escherichia coli, where the pilus type of enterotoxigenic Escherichia coli comprises K99, preventing diarrhea caused by enterotoxin-producing Escherichia coli in piglets and improving immunity.
CN 117186190 A 20231208	Univ Yangzhou	China	Target epitope antigen of outer envelope protein p12 of African swine fever virus and application of target epitope antigen in early detection and diagnosis
CN 117447586 A 20240126	Chongqing Academy Animal Sci	China	Kit and method for detecting ASFV based on immunomagnetic beads and digital PCR
	Live Pig Tech Innovation Center Chongqing		
CN 117467617 A 20240130	Lanzhou Veterinary Res Inst Caas	China	New MA-104-knockout-vimentin cell line for knocking out vimentin gene, used for inhibiting African swine fever virus infection and studying vimentin gene function and its molecular mechanism
CN 117327759 A 20240102	Longnan Fumin Ind Development Co Ltd	China	New Zanthoxylum bungeanum seed protein polypeptide is obtained by dissolving protein in ethanol solution, adjusting pH, adding pepsin for enzymatic hydrolysis, killing enzyme, cooling, processing cooled hydrolyzate, centrifuging and freeze-drying, used in preparation of anti-Salmonella products
	Lanzhou Inst Chemical Physics Cas		
CN 117486978 A 20240202	Tiankang Pharmaceutical Co Ltd	China	Porcine circovirus type 2 Cap protein, virus-like particle as well as preparation method and application of porcine circovirus type 2 Cap protein

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117582409 A 20240223	Shanxi Zheda Advances Materials & Chem Ji J	China	pH responsive phase-change sulfonic acid liposome for preparing medicine for preventing and/or treating diseases caused by virus such as severe acute respiratory syndrome virus, Middle East respiratory syndrome virus, porcine delta coronavirus, human coronavirus OC43, coronavirus, porcine epidemic diarrhea virus
CN 117427154 A 20240123	Harbin Veterinary Res Institute Caas	China	Sequence combination for preparing mRNA vaccine of porcine reproductive and respiratory syndrome and application of sequence combination
	Harbin Branch Of China Animal Health And Epidemiology Center		
CN 117659134 A 20240308	Univ Henan Agric	China	New antigenic epitope peptide of African swine fever virus pD205R protein having specific amino acid sequence, used in preparation of drug for preventing and/or treating African swine fever virus infection and for preparing reagent for detecting and/or diagnosing African swine fever virus infection
CN 117384278 A 20240112	Lanzhou Veterinary Res Inst Caas	China	Monoclonal antibody 3F1 capable of resisting neutralizing activity of African swine fever virus P72 protein and application of monoclonal antibody 3F1
CN 117447609 A 20240126	Shanxi Jinbo Bio Pharmaceutical Co Ltd	China	Fusion protein for inactivating coronavirus and application thereof
	Univ Fudan		
CN 117562988 A 20240220	Univ Westlake	China	Vaccine for pathogenic Escherichia coli in pigs, comprises K88 major fimbrial subunit protein FaeGntd/dsc2 and/or F18 fimbrial subunit protein XXA-FedF, and prepared by obtaining FaeG ntd/dsc2 based on K88 major fimbrial subunit protein by synthesizing and cloning FaeGntd/dsc2 to pET21a (+) carrier
CN 117357108 A 20240109	Shanghai Mingjie Biotechnology Co Ltd	China	African swine fever virus detection device

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117442639 A 20240126	Lingnan Modern Agricultural Science And Tech Guangdong Laboratory	China	The fucoidan is used for preparing broad-spectrum anti-coronavirus medicine, where the coronavirus is new coronavirus and porcine epidemic diarrhea virus
	Zhejiang Acad Agricultural Sci		
CN 117462665 A 20240130	Chengdu Shiji Biopharmaceutical Co Ltd	China	Preparation method and application of porcine parvovirus and epidemic encephalitis B bivalent subunit vaccine
CN 117586898 A 20240223	Wuhan Keqian Animal Biological Prod Co	China	New Saccharomyces cerevisiae oral vaccine used in preparing vaccine for treating/preventing African swine fever caused by African swine fever virus SY-1, is prepared by mixing recombinant Saccharomyces cerevisiae expressing B602L, p54, p22, p17-p12, pE199L, CD2v, pE120R and pE248R proteins
CN 117625505 A 20240301	Univ Huazhong Agric	China	Mixture of lactic acid bacteria for use in preparing enterotoxigenic Escherichia coli oral vaccine, where the serotype of the enterotoxigenic Escherichia coli is K88 , and for preventing the diarrhea of the enterotoxigenic Escherichia coli to the piglet.
CN 117304338 A 20231229	Zhaofenghua Biotechnology Nanjing Co Ltd	China	Fusion protein composition used for preparing porcine Circovirus disease and Actinobacillus pleuropneumoniae subunit vaccine, comprises fusion protein antigen capsid (Cap) porcine Circovirus type 2 a (PCV2a)-OmlA, Cap (PCV2b)-Apx I, Cap (PCV2d)-Apx II and Cap (PCV3)-Apx III
	Zhaofenghua Biotechnology Fuzhou Co Ltd		
CN 117430714 A 20240123	West China Hospital Sichuan Univ	China	Chimeric antigen receptor, modified immune cell and construction method of immune hepatitis and hepatic fibrosis animal model

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117448213 A 20240126	Shandong Boly Lely Bioengineering Co Ltd	China	Lactobacillus plantarum for inhibiting clostridium perfringens as well as metagen and application of lactobacillus plantarum
CN 117562887 A 20240220	Univ Yangzhou	China	Use of 4-octyl itaconate for preparing medicine and/or feed additive for treating porcine enteric coronavirus infection, preferably transmissible gastroenteritis virus, porcine epidemic diarrhea virus and porcine delta coronavirus infection
CN 117660249 A 20240308	Guangdong Acad Sci Microbiology Inst	China	New Pediococcus acidilactici 36E-3, used in preparation of antibacterial microbial agent against Escherichia coli, Listeria monocytogenes, Salmonella, Enterobacter sakazakii, Bacillus cereus or Staphylococcus aureus, where Escherichia coli is diarrheagenic Escherichia coli
CN 117660369 A 20240308	Wuhan Keqian Animal Biological Prod Co	China	New Porcine delta coronavirus used for preparing vaccine e.g. triple inactivated vaccine
CN 117653633 A 20240308	Univ Huazhong Agric	China	Use of fangchinoline in preparing medicine for preventing and treating porcine reproductive and respiratory syndrome, and inhibiting porcine reproductive and respiratory syndrome virus proliferation
WO 2024026536 A1 20240208	Univ Griffith	Australia	New substituted 3,4-dihydro-2H-pyran compound used in pharmaceutical composition for treating or preventing disease, disorder or condition caused by viral infection, chosen from parainfluenza, influenza, croup, bronchiolitis and pneumonia

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117343150 A 20240105	Yebio Bioeng Co Ltd Qingdao	China	New Newcastle disease virus vector vaccine strain useful for e.g. treating high lethal disease caused by porcine reproductive and respiratory syndrome virus (PRRSV) and inducing cellular immunity, expresses PRRSV glycoprotein V and GP3
CN 117567602 A 20240220	Jinyu Baoling Bio Pharm Co Ltd	China	Swine fever virus positive serum used for e.g. preparing reagent or kit for swine fever virus detection, obtained by immunizing weakly positive swine fever virus pigs with protein vaccine including swine fever virus E2 protein and ISA206 adjuvant
CN 117659137 A 20240308	China Animal Husbandry Ind Co Ltd	China	Preparing Seneca Valley virus and swine fever virus antigen for preparing vaccine for treating porcine Seneca Valley virus and swine fever virus, involves preparing suspended BHK-21 cell strain, inoculating Seneca Valley and swine fever virus and observing cell lesions with trypan blue staining
CN 117417905 A 20240119	Spirit Jinyu Biological Pharmaceutical Co Ltd	China	Gene-deleted attenuated African swine fever virus strain as well as construction method and application thereof
WO 2024031166 A1 20240215	Unicamp	Brazil	Antiviral and intranasal formulation used to treat infection caused by viruses, and reduce severe-acute-respiratory-syndrome-related coronavirus comprises surfactin and perillyl alcohol capable of reaching lung alveoli
	Univ Federal Fluminense Uff		
KR 20240018014 A 20240213	Woogene B&G Co Ltd	South Korea	2d Inactivated mixed vaccine composition and manufacturing method for New porcine circovirus type 2d and Porcine Mycoplasma hyopneumoniae
	Osp Co Ltd		
CN 117363587 A 20240109	Univ Sichuan Agricultural	China	Recombinant pseudorabies virus for expressing porcine deltacoronavirus S protein and application of recombinant pseudorabies virus

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117431200 A 20240123	Chengdu Vocational College Agricultural Science & Tech	China	The recombinant B.subtilis useful for preparing bio-product or preventing and treating Newcastle disease virus and preparing vaccine for preventing and treating porcine circovirus infection and inducing a specific immune response.
	Univ Sichuan Agricultural		
WO 2024026316 A1 20240201	Seek Labs Inc	USA	Treating African Swine Fever in subject comprises administering nucleic acid complementary to an endogenous African swine fever virus
CN 117143207 A 20231201	Hunan Paizhi Biotechnology Co Ltd	China	New recombinant epitope protein comprising specific amino acid sequence, used for preparing porcine coronavirus vaccines for preventing porcine transmissible gastroenteritis virus, porcine epidemic diarrhea virus, porcine respiratory coronavirus and porcine delta coronavirus
CN 117487704 A 20240202	Shanghai Veterinary Res Inst Chinese Academy Agricultural Sciences China Ct Animal	China	Lactobacillus sake for preventing or treating porcine respiratory infectious diseases and application of lactobacillus sake
WO 2023245160 A1 20231221	Astrid Pharma Corp	USA	Method for enhancing an immune response in a subject, involves administering an antigen with an immune modulator, where the immune modulator is a quaternary immunomodulatory nanoparticle (QIN). The virus antigen is a porcine circovirus type 2 (PCV2) antigen.
WO 2024031045 A2 20240208	Malcolm Thomas Chen Dalu	USA	Composition used e.g. to treat and/or prevent African swine fever virus (ASFV), comprises engineered ASFV outer-membrane protein antigen mutants (dominant negatives) that do not bind to red blood cells and elicit antibody response

Número de publicación	Solicitante	País de origen	Contenido técnico
KR 102640730 B1 20240229	Careside Co Ltd	South Korea	New vector useful in peptide and vaccine composition for preventing and treating porcine wasting disease, porcine circovirus type 2 infection, Mycoplasma pneumonia, and Mycoplasma peritonitis through producing recombinant antigens
KR 20240028924 A 20240305	Knu Ind Coop Found Innovac	South Korea	New porcine epidemic diarrhea virus isolate that induces high neutralizing antibodies useful in vaccine composition for preventing or treating porcine epidemic diarrhea in pigs by inducing immunity against porcine epidemic diarrhea virus
CN 117599032 A 20240227	Henan Acad Agric Sci	China	Use of small molecule inhibitor CCG-1423 in preparing medicine for inhibiting protein expression, RNA content, and virus titer of porcine epidemic diarrhea virus infection
CN 117467621 A 20240130	Univ Henan Agricultural	China	Method for rapidly attenuating porcine epidemic diarrhea virus variant strain and application thereof
CN 117618439 A 20240301	Univ Henan Animal Husbandry & Economy	China	Use of inhibitor EHop-016 in medicine for inhibiting in vitro infection of porcine epidemic diarrhea virus; for inhibiting protein expression of porcine epidemic diarrhea virus infection, for inhibiting RNA content of porcine epidemic diarrhea virus infection
	Henan Sainuojie Feed Co Ltd		

VT Avicultura



Número de publicación	Solicitante	País de origen	Contenido técnico
US 11938107 B1 20240326	Biovet S A	Spain	Production procedure for Alquernat Coneb, a functional feed based on alliin, carvacrol, cimenol and inulin from vegetable extracts, to be used in the prevention of parasitic infestations in poultry feed
US 2023414679 A1 20231228	Univ Iowa State Res Found Inc	USA	Controlling histamine production in subject e.g. in farm production animal by administering probiotic composition having Brevibacillus spp. and/or Bacillus spp. and histamine degrading enzyme to subject, and controlling histamine production
CN 117143735 A 20231201	Univ Guangxi	China	Eimeria tenella AMA3 gene deleted attenuated strain as well as construction method and application thereof
CN 117069805 A 20231117	Qingdao Genyuan Biological Tech Group Co Ltd	China	New antibacterial peptide ATMP7 mutant A7-S1 used for improving antioxidative stress ability of animal after attacking virus and used in preparing antibacterial agent for inhibiting Clostridium welchii and Escherichia coli
CN 117143736 A 20231201	Univ Guangxi	China	Eimeria tenella rom1 gene deleted attenuated strain as well as construction method and application thereof
CN 117244036 A 20231219	Univ Chengdu	China	Natural antibacterial agent for inhibiting Escherichia coli in livestock and poultry, comprises chlorogenic acid, isochlorogenic acid and ginger leaf extract
	Shanghai Jiao Tong Univ Sichuan Research Institute		

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117599159 A 20240227	Univ Zhejiang Sci-Tech	China	Preparing H9 subtype avian influenza virus subunit vaccine containing polyinosinic acid mucosal adjuvant by integrating recombinant gene fragment into baculovirus expression plasmid, identifying and purifying trimeric HA protein and adding mucosal adjuvant-Poly(I:C) to purified protein
	Zhejiang Hongsheng Biotechnology Co Ltd		
CN 117247463 A 20231219	Zhejiang Difurunsi Biotechnology Co Ltd	China	New fusion protein displaying S protein of new coronavirus comprising extracellular domain sequence of coronavirus and transmembrane and intracellular domain sequence of F protein of avian Paramyxoviridae virus, for use in preparation of vaccines for preventing diseases caused by coronavirus
CN 117530970 A 20240209	Univ Beijing Agric	China	Scutellaria baicalensis flavone extract used for preparing medicine for inhibiting avian coronavirus and treating infectious bronchitis caused by avian coronavirus infection, is prepared by taking ethanol as solvent to extract Scutellaria baicalensis
CN 117210370 A 20231212	Gansu Tianfulai Biotechnology Co Ltd	China	New Bacillus subtilis T20 used in preparing products for inhibiting animal pathogenic bacteria, bacteriostatic purposes other than disease treatment, preparing bacteriocins, preparing reducing animal diarrhea rates and/or improving animal disease resistance
CN 117244051 A 20231219	Inst Of Chemical Industry Guangdong Academy Of Sciences	China	High-water-phase vaccine adjuvant as well as preparation method and application thereof. The antigen in the inactivated antigen solution is at least one of avian influenza virus antigen, Newcastle disease virus antigen, and infectious bronchitis virus antigen.
CN 117244048 A 20231219	Univ South China Agricult Beijing Hemu Biological Tech Co Ltd	China	Avian influenza virus mRNA vaccine as well as preparation method and application thereof

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117257794 A 20231222	Univ South China Agricult	China	Application of pleuromutilin derivative with side chain containing nitrogen heterocyclic ring or alkylamine in preparation of medicine for preventing and treating mycoplasma gallisepticum
CN 117247909 A 20231219	Univ South China Agricult	China	H7N9 subtype avian influenza recombinant strain, vaccine and application thereof
CN 117511887 A 20240206	Guangxi Zhuang Autonomous Region Inst	China	New Guangxi chicken-derived H9N2 avian influenza virus strain useful for preparing vaccine, preferably inactivated vaccine for preventing and treating H9N2 avian influenza virus infection
CN 117286117 A 20231226	Univ Yangzhou	China	New broad-spectrum Salmonella phage SalmpY-ZU33, for inhibiting reproduction and metabolism of Salmonella in livestock and poultry breeding and transportation environments, and in preparation of drugs or reagents for preventing Salmonella infection in livestock and poultry
WO 2023242070 A1 20231221	Akthelia Pharmaceuticals	Iceland	New amine-based compound used in pharmaceutical composition and for forming medicament for treating and preventing disease or condition by improving or restoring gastrointestinal epithelial barrier function of animal
CN 117031019 A 20231110	Henan Academy Agricultural Sci	China	Double-antibody sandwich ELISA (enzyme-linked immunosorbent assay) kit for detecting chicken egg drop syndrome virus and application of double-antibody sandwich ELISA kit
WO 2024049803 A1 20240307	Assembly Biosciences Inc	USA	New bicyclic heterocycle compounds used to treat herpes virus infection e.g. herpes simplex virus type 1 infection, herpes simplex virus type 2 infection, and cytomegalovirus which causes mild self-limiting disease, e.g. chicken pox
CN 117224667 A 20231215	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Avian influenza and Newcastle disease virus vaccine composition and application thereof

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117164705 A 20231205	Univ South China Agricult	China	New nanobody of hemagglutinin protein of H5 subtype avian influenza virus or antigen binding fragment is used for preparing reagent for screening avian influenza virus hemagglutinin protein analogue epitope peptides, and preparing product combined with avian influenza virus hemagglutinin protein
CN 117683649 A 20240312	Univ Nanjing Agric	China	New strain of Candida rugosa NJ5 with antibacterial activity, used for inhibiting Escherichia coli, Salmonella typhimurium and Staphylococcus aureus, and preparing livestock and poultry feed additives for inhibiting growth of harmful microorganisms in intestines of livestock and poultry
CN 117599066 A 20240227	Jilin Guanjie Biotechnology Co Ltd	China	Use of low-content dexamethasone for use in preparing avian influenza virus vaccine, improving effectiveness, and having absorption after being prepared into vaccine using antigen such as inactivated avian influenza virus
CN 117338920 A 20240105	Univ Xinjiang Agricultural	China	Vaccine adjuvant used in preparing vaccine preparation, where vaccine is bird flu vaccine or intestinal targeted vaccine
CN 117683137 A 20240312	Jiangsu Agric Sci Inst	China	New recombinant bispecific nano-antibody targeting Newcastle disease virus and H9 subtype avian influenza virus screening two heavy chain antibody variable region sequences NDV-Nb043 and H9-Nb055, for preparing nano-antibody preparation for preventing and treating Newcastle disease virus
CN 117298158 A 20231229	Inst Animal Health Guangdong Academy Agricultural Sciences	China	Use of pomegranate rind in preparing medicine for preventing and treating chicken necrotic enteritis or inhibiting producing stage clostridium perfringens or preventing and treating intestinal flora disorder

Número de publicación	Solicitante	País de origen	Contenido técnico
KR 20240011400 A 20240126	Eagle Vet Tech Co Ltd	South Korea	Veterinary composition useful for relieving stress in vaccinated animals, and preventing and treating foot-and-mouth disease and avian influenza, comprises acetaminophen and butaphosphan
CN 117511888 A 20240206	Univ Yangzhou	China	Recombinant serum type 4 avian adenovirus for expressing chicken infectious anemia virus T1P6 strain VP2 protein, in which Fiber-2 gene of FAdV-4 is replaced by full coding region of chicken infectious anemia virus T1P6 strain containing VP2 gene
CN 117427055 A 20240123	Univ Qiqihar	China	Use of cannabidiol in preparing medicine for treating infectious bronchitis, reducing proliferation of infectious bronchitis virus (IBV) in chicken, and reducing damage of IBV to tissue organ
CN 117511816 A 20240206	Ringpu Baoding Biological Pharm Co Ltd	China	New Mycoplasma synoviae live vaccine strain RPM-SA1301 useful in preparing live vaccine against Mycoplasma synoviae in chicken
WO 2024018033 A1 20240125	Univ Basel Eth Zuerich	Switzerland	Composition used to protect from disease caused by pathogenic bacterium comprises probiotic component having bacteria of live avirulent strain of pathogen, and vaccine component having inactivated vaccine strain of bacteria
KR 20240014010 A 20240131	Khav Co Ltd	South Korea	Infectious Bronchitis virus attenuated strain and Vaccine composition comprising the same
CN 117224666 A 20231215	Harbin Veterinary Res Institute Caas	China	Avian influenza and Newcastle disease virus bivalent pentavalent vaccine composition and application thereof
	Harbin Branch Of China Animal Health And Epidemiology Center		
WO 2024023198 A1 20240201	Dsm Ip Assets Bv	Netherlands	New Mycoplasma synoviae live vaccine strain RPM-SA1301 useful in preparing live vaccine against Mycoplasma synoviae in chicken

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117586966 A 20240223	Qingdao Runda Biological Technology Co	China	New acid and alkali resistant Clostridium perfringens phage RDP-CP-22005, used in preparation of products for killing or inhibiting Clostridium perfringens and for preventing and/or treating poultry diseases and inflammatory reactions caused by Clostridium perfringens
CN 117683098 A 20240312	Zhejiang Novo Biotechnology Co Ltd	China	New hemagglutinin (HA) truncated protein of recombinant avian influenza virus H9N2 subtype comprising specific amino acid or protein having function of protein in protein with amino acid sequence, used in preparation of vaccines or diagnostic reagents
CN 117159715 A 20231205	Univ China Agricultural	China	Use of inhibitor comprising e.g. orteronel, KU-0063794, WYE-354, GS-K429286A, pimobendan, AST-1306, SIB 1757, ibrutinib, WAY-600, CP-91149, and vistusertib as reagent for manufacturing reagent for inhibiting replication of human influenza virus and inhibiting replication of avian influenza virus
CN 117298264 A 20231229	Agna Biopharmaceuticals Inc Guangzhou Ribobio Co Ltd Guangzhou Inst Of Respiratory Health	China	Compositions and vaccines based on influenza virus HA protein and new coronavirus S protein
CN 117379477 A 20240112	Poultry Institute Shandong Academy Of Agricultural Science Shandong Specific Pathogen Free Chicks Re	China	Humulus scandens extract for relieving chicken escherichia coli infection as well as preparation method and application of humulus scandens extract
CN 117679362 A 20240312	Univ South China Agric Guangdong Wens Dahuanong Biotechnology	China	Veterinary valnemulin solution used for preparing products for preventing and treating Mycoplasma gallisepticum, comprises main drug, co-solvent, pH regulator, bacteriostatic agent, inclusion agent, chelating agent, antioxidants, flavoring agents and water, where main drug is valnemulin
CN 117187196 A 20231208	Univ Yangzhou	China	Recombinant Marek's disease virus strain for expressing Newcastle disease virus F gene as well as construction method and application of recombinant Marek's disease virus strain

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117512010 A 20240206	Tianjin Acad Agric Sci	China	New recombinant plasmid set useful for e.g. preventing chicken infectious bronchitis and avian chlamydiosis by activating cellular and humoral immune functions, comprises pEGFP-M, pEGFP-S1-MOMP and pEGFP-M-S1-MOMP
CN 117582457 A 20240223	Guangdong Rongda Biology Co Ltd	China	Use of Weizmannia coagulans BC168 in preparing preparation for inhibiting Clostridium perfringens, treating necrotizing enteritis in chickens, for preparing products for repairing tissue morphology of chicken duodenum and chicken jejunum
	Qingyuan Yisheng Natural Biology Res Ins		
CN 117180414 A 20231208	Zhejiang Sci Tech Univ Shaoxing Academy Of Biomedicine Co Ltd	China	H9 subtype avian influenza virus subunit vaccine containing ctxB molecular adjuvant
	Univ Zhejiang Science & Tech		
	Zhejiang Hongsheng Biotechnology Co Ltd		
CN 117264910 B 20240126	Inst Animal Sci & Veterinary Medicine	China	New Salmonella phage used in preparing drugs for preventing, treating and/or alleviating related diseases caused by Salmonella, and in preparing Salmonella inhibitors
CN 117327735 A 20240102	Univ Sichuan	China	Infectious bronchitis and Newcastle disease recombinant adenovirus expression vector as well as preparation method and application thereof
CN 117467620 A 20240130	Univ Yangzhou	China	Anti-chicken CTLA-4 monoclonal antibody and application thereof
CN 117323322 A 20240102	Lanzhou Inst Animal Science & Veterinary Pharmaceutics Caas	China	Application of forsythiaside in preparation of medicine for resisting infectious bronchitis virus
CN 117645654 A 20240305	Zhongjing Traditional Chinese Medicine	China	New recombinant polypeptide useful for preparing medicine i.e. vaccine, preferably polypeptide vaccine for treating diseases caused by Newcastle disease virus

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117503919 A 20240206	Jiangsu Agric Sci Inst	China	Preparing bivalent inactivated vaccine against newcastle disease and H9 subtype avian influenza of pigeons, involves inoculating pigeon source gene VI newcastle disease virus rVI-HZ strain and H9 subtype avian influenza virus JY strain, clarifying virus liquid, and mixing two inactivated antigens
	Univ Zhongkai Agric & Eng		
WO 2024006835 A1 20240104	General Probiotics Inc	USA	Composition used to treat Clostridia perfringens-induced disease condition comprises Bacillus bacterium isolated from intestinal tract, and transformed with exogenous polynucleotide comprises heterologous promoter linked to polynucleotide
CN 117568226 A 20240220	Ringpu Baoding Biological Pharm Co Ltd	China	New Mycoplasma synoviae virulent strain RPMSA1303 is preserved in China Center for Type Culture Collection, used for establishing model of Mycoplasma synoviae, evaluating immune effect of Mycoplasma synoviae vaccine
US 2024009118 A1 20240111	Li Hong	USA	Vaccinating avians in need involves administering stable foam for inducing neutralizing immune response against infectious pathogen in avians to avians, where foam comprises gas and liquid, and where liquid comprises vaccine and foaming agent
	Elliott Kenneth C		
	Univ Delaware		
CN 117643574 A 20240305	Henan Fuyuan Qingyang Biotechnology Co	China	Preparing compound sulfamethoxazole sodium nanomixed micelle solution useful for preventing and treating chicken Escherichia coli and Salmonella infections, comprises obtaining micellar solution, dissolving sulfamethoxine sodium and antioxidant into water, adjusting pH and sterilizing
	Zhengzhou Fuyuan Animal Pharm Co Ltd		

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117487832 A 20240202	Univ South China Agricult	China	New CpG biosynthetic plasmid for poultry useful for increasing immunogenicity of vaccine or antigen, preparing immunopotentiator or preparing vaccine comprises CpG motif and Kan resistance gene
KR 20240008128 A 20240118	Korea Atomic Energy Res Ctc Vac Co Ltd	South Korea	Producing live attenuated bacterial vaccine useful in medicine composition for preventing and treating fowl typhoid, comprises irradiating pathogenic microorganisms and culturing to select strains that form colonies with growth retardation
	Industrial Cooperation Foundation Jeonbuk National Univ		
CN 117660372 A 20240308	Univ Northeast Agric	China	Granulocyte-macrophage colony-stimulating factor useful for e.g. preventing Newcastle disease and/or chicken infectious disease Cyst disease comprises recombinant virus and basic skeleton of live vector which is Lasota classic vaccine strain
WO 2024019579 A1 20240125	Khav Co Ltd	South Korea	New chicken infectious bronchitis virus QX 1830029 HP70 used in vaccine composition for preventing chicken infectious bronchitis virus
CN 117431219 A 20240123	Ruikemeng Qingdao Biological Eng Co Ltd	China	New high-temperature-resistant Clostridium perfringens phage, used in preparing bactericidal preparations for preventing and treating Clostridium perfringens infection or in preparing cleaning agent or sanitizing for disinfecting livestock and poultry breeding environment
CN 117568227 A 20240220	Ringpu Baoding Biological Pharm Co Ltd	China	New chicken Mycoplasma synoviae vaccine strain RPMSA1302 useful in the preparation of the Mycoplasma synoviae inactivated vaccine

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CN 117568285 A 20240220	Univ Huazhong Agric	China	New Clostridium perfringens strain LPCPA58 is preserved in China Center for Type Culture Collection used in preparing microbial preparation, Clostridium perfringens bacteriostat, and preparing medicine for inhibiting, treating or preventing Clostridium perfringens in food
CN 117625689 A 20240301	Harbin Veterinary Res Inst Caas	China	New recombinant subtype B avian metapneumovirus full-length cDNA infectious cloning plasmid expressing VP2 protein of variant infectious bursal disease virus used in virus rescue and recombinant B subtype avian metapneumovirus vaccine strain in preparing vaccine to prevent infectious bursal disease
CN 117402260 A 20240116	Univ Sichuan	China	New fusion protein comprising chicken interleukin 2, chicken interleukin 17B and chicken interleukin 26, used in preparing immune promoter or used as immune promoter for preventing and/or treating chicken infectious bronchitis
CN 117417904 A 20240119	Yebio Bioeng Co Ltd Qingdao	China	Newcastle disease virus vector vaccine strain for expressing F protein and G protein of C-type aMPV and application of Newcastle disease virus vector vaccine strain
CN 117625666 A 20240301	Univ South China Agric	China	Constructing Pasteurella multocida resistance marker gene integrated strain used in preparing poultry Pasteurella multocida vaccine, by e.g. culturing hptC recombinant strain in culture medium containing kanamycin, obtaining single exchange strain; screening by tetrachlorophenylalanineresistance
CN 117448213 A 20240126	Shandong Boly Lely Bioengineering Co Ltd	China	Lactobacillus plantarum for inhibiting clostridium perfringens as well as metagen and application of lactobacillus plantarum

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117587068 A 20240223	Univ Guangxi	China	Method for improving multiplication efficiency of poultry commercial live vaccine useful in multiplication of turkey herpes virus and in preparing poultry vaccine comprises expressing turkey herpesvirus VP23 protein in baby hamster kidney fibroblast cells and using immune evasion function
CN 117582441 A 20240223	Shandong Vocational Animal Sci & Veterin	China	Halofuginone hydrobromide solid preparation used in preparation of medicines for treating Eimeria in chickens, is prepared from halofuginone nanoparticles comprising halofuginone hydrobromide, hydrolyzed wheat protein, dodecyl maltoside and poly(lactic-co-glycolic acid), and excipients
WO 2024030503 A1 20240208	Luberski Inc Dba Hidden Villa Ranch	USA	Increasing immunoglobulin Y in bird egg used to inoculate against disease within gastrointestinal tract e.g. gingivitis comprises exposing bird to antigen, on separate occurrences, and time between the separate occurrences is one week
CN 117660249 A 20240308	Guangdong Acad Sci Microbiology Inst	China	New <i>Pediococcus acidilactici</i> 36E-3, used in preparation of antibacterial microbial agent against <i>Escherichia coli</i> , <i>Listeria monocytogenes</i> , <i>Salmonella</i> , <i>Enterobacter sakazakii</i> , <i>Bacillus cereus</i> or <i>Staphylococcus aureus</i> , where <i>Escherichia coli</i> is diarrheagenic <i>Escherichia coli</i>
CN 117625688 A 20240301	Harbin Veterinary Res Inst Caas	China	New B subtype avian meta-pneumovirus full-length complementary DNA infectious clone plasmid comprising defined sequence of nucleobases, for obtaining application of recombinant B subtype avian meta-pneumovirus through virus rescue, and as viral vector

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WO 2024042387 A1 20240229	Phagelab Chile Spa	Chile	Bacteriophage cocktail with broad-spectrum lytic activity against bacteria of genus Salmonella, used e.g. to prevent, reduce or treat infections caused by bacteria of genus Salmonella, comprises bacteriophages e.g. L8, M7 and SAENMB161P02
CN 117486986 A 20240202	Univ Yangzhou	China	G-type clostridium perfringens antigen protein EntB as well as preparation and application thereof
CN 117535218 A 20240209	Shandong Binzhou Bolaiwei Biotechnology	China	High-density fermentation base culture medium for chicken rhinitis genetically engineered Escherichia coli, includes potassium dihydrogen phosphate, ammonium chloride, disodium hydrogen phosphate dodecahydrate, citric acid, glycerin, and water
CN 117304344 A 20231229	Shandong Xianpu Airui Tech Co Ltd	China	New fusion protein useful for preparing medicine for treating chicken infectious bronchitis is obtained by connecting aminopeptidase N affinity peptide, linker and interferon-alpha in series
CN 117551699 A 20240213	Tianjin Ringpu Biotechnology Co Ltd	China	Constructing recombinant turkey herpes virus rHVT-HA-VP2 comprises inserting expression cassette of H9 subtype avian influenza virus HA gene, expression cassette of turkey herpes virus VP2 gene and spacer sequence in turkey herpes virus genome
CN 117487766 A 20240202	Qingdao Runda Biotechnology Co Ltd	China	New Salmonella phage strain RDP-SA-17119 is preserved in China General Microbiological Culture Collection Center, used in food, feed additive, disinfectant or detergent for preventing and treating salmonella enteritidis pollution in poultry breeding environment
CN 117517657 A 20240206	Inst Animal Sci Caas	China	Use of ligand of numb-protein X 1 gene or protein in regulating innate immune response of poultry, and preventing and/or treating gram-negative bacterial infections of poultry caused by Salmonella and Shigella

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117511969 A 20240206	Univ South China Agric Beijing Hemu	China	New messenger RNA comprising nucleotide sequence, for use in preparation of vaccine e.g. poultry vaccine, for chickens, ducks, geese, geese, quails, pigeons, and turkeys
	Biotechnology Co Ltd		
US 2024024447 A1 20240125	Us Agriculture Zoetis Services Llc	USA	System for formulating and delivering diluted drinking water-based avian coccidiosis vaccine to chicks, comprises concentrated stock solution of live Eimeria oocysts, and mixing reservoir comprising mixing unit for mixing stock solution of live Eimeria oocysts, drinking water and selected color dye
WO 2024040182 A1 20240222	Toragen Inc	USA	Salt used in composition for treating cancer, precancerous HPV lesion in human subject, and avian bird flu in poultry, comprises 2-S rimantadine and fumaric acid, tartaric acid, galactaric acid, benzoic acid, or benzenesulfonic acid, in crystalline or anhydrous form
CN 117247860 A 20231219	Feed Res Inst Caas	China	New Pediococcus pentosaceus JQ-M3 used for treating diarrhea in livestock and poultry, promoting intestinal development of livestock and poultry, improving intestinal absorption capacity of livestock and poultry and inhibiting activity of intestinal pathogenic bacteria in livestock and poultry
CN 117603917 A 20240227	Univ Jilin	China	New Pseudomonas aeruginosa single-stranded RNA phage i.e. Pseudomonas aeruginosa phage Ppa61 used for e.g. treating infectious diseases caused by Pseudomonas aeruginosa and killing Pseudomonas aeruginosa aeruginosa in livestock and poultry
CN 117487009 A 20240202	Beijing Acad Agric & Forestry	China	New anti-chicken promyelocytic leukemia protein (PML) monoclonal antibody secreted by hybridoma cells, used in preparation of products for detecting chicken PML or chicken PML nuclear bodies and for detecting chicken PML or chicken PML nuclear bodies, where detection is immunofluorescence detection

VT Acuicultura



Número de publicación	Solicitante	País de origen	Contenido técnico
ZA 202204689 B 20220629	Univ Dalian Ocean	China	New microRNA (miR)-210 mimic useful e.g. as antibiotic substitute for aquaculture and as drug for inhibiting pathogenic bacteria of skin ulcer syndrome when culturing <i>Apostichopus japonicus</i> , specific base pair sequence
CN 117069818 A 20231117	Univ Dalian Ocean	China	New <i>Crassostrea gigas</i> galectin recombinant protein rCgGal-CUB for preparing drugs for inhibiting growth of <i>Vibrio splendidus</i>
CN 117106634 A 20231124	Univ Ningbo	China	<i>Penaeus vannamei</i> intestinal synthetic flora used in preparing <i>Vibrio parahaemolyticus</i> inhibitors and probiotic additives for shrimp farming, comprises mixed strains of <i>Ruegeria</i> TCW20, <i>Paracoccus homiensis</i> RBB26, decouquinone bacterium TCG4, <i>Microbacterium</i> HBG41 and <i>Tenacibaculum</i> BG12
MX 2021007869 A 20221226	Univ Autonoma De Nuevo Leon	Mexico	Probiotic composition useful for e.g. treating acute hepatopancreatic necrosis disease or early mortality syndrome, prepared by using specific strains of e.g. <i>Nitratireductor aquimarinus</i> , <i>Bacillus pumilus</i> , and <i>Pseudalteromonas Piscicida</i>

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117158509 A 20231205	Qingdao Genyuan Biological Tech Group Co Ltd	China	Compound antibacterial postbiotic preparation useful in preparing inhibitor of aquatic pathogenic bacteria (Vibrio pyrelis, Photobacterium, Vibrio neocaledonicus, and Vibrio owensii) and in shrimp culture comprises Bacillus subtilis metabolite and inactivated Bacillus coagulans cells
CN 117286115 A 20231226	Qingdao Inst Bioenergy & Bioprocess Tech Cas	China	New Vibrio sinaloensis bacteriophage VS1, useful for preparation of Vibrio sinaloensis bactericide for controlling Vibrio infections in aquaculture
	Shandong Hairan Biotechnology Co Ltd		
CN 117264860 A 20231222	Shanghai Aquatic Products Research Institute	China	Recombinant Lactococcus lactis immunopotentiator used for expressing carp Rhbdd3 protein added into bait, comprises recombinant Lactococcus lactis for expressing rhomboid domain containing 3 protein, where recombinant Lactococcus lactis is Lactococcus lactis pNZ8148-Rhbdd3
	Shanghai Aquatic Products Tech Extension Station		
WO 2024059486 A1 20240321	Zoetis Services Llc	USA	Vaccine useful for actively protecting fish against pathogen e.g. salmonid alphavirus and viral hemorrhagic septicemia virus, comprises nucleic acid sequence encoding antigen derived from pathogen affecting fish
WO 2024003035 A1 20240104	Vaxxinova Norway As	Norway	New Piscirickettsia salmonis strain comprising genome having at least a mutation in RD1 locus and/or lacks plasmid pP-SAI-4 used for preparing medicine for treating animal subject diagnosed for, suffering from or being at risk of developing infectious condition, or preventing such condition

Número de publicación	Solicitante	País de origen	Contenido técnico
JP 2024007446 A 20240118	Bio Sci Co Ltd	Japan	Composition for inducing immunity against streptococci in fishes, comprises sugar chain component, where sugar chain component include sugar chain component of fish Streptococcus, where sugar chain component is extracted from microbial cells by sugar chain extraction of microbial cells
WO 2024047009 A1 20240307	Dsm Ip Assets Bv	Netherlands	Use of composition comprising protease for improving balance of beneficial and deleterious bacteria in gastrointestinal tract of aquatic species, preferably increasing level of beneficial bacteria and decreasing level of deleterious bacteria and as
	Novozymes As	Denmark	
CN 117230024 A 20231215	Qingdao Inst Bioenergy & Bioprocess Tech Cas	China	New highly efficient sodium-demanding Vibrio phage as phage VnaB1, deposited under China Center for Type Culture Collection, for use in preparation of sodium-requiring Vibrio bactericide for controlling Vibrio infection in aquaculture
	Shandong Hairan Biotechnology Co Ltd		
CN 117286067 A 20231226	Univ Jimei	China	New highly efficient sodium-demanding Vibrio phage as phage VnaB1, deposited under China Center for Type Culture Collection, for use in preparation of sodium-requiring Vibrio bactericide for controlling Vibrio infection in aquaculture
US 2023398197 A1 20231214	Univ Of Idaho	USA	New bacterial cold-water disease vaccine comprising attenuated Flavobacterium psychrophilum strain prepared from unattenuated Flavobacterium psychrophilum parent strain having cumulative percent mortality in fish that are challenged intramuscularly with parent strain

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117298093 A 20231229	Univ Shanghai Ocean	China	Use of quercetin in preparation of fishery medicine used for inhibiting type II cyprinid herpesvirus of fish, treating or preventing type II cyprinid herpesvirus infection, fish viral hemopoietic organ necrosis disease, where fish is crucian or goldfish
CN 117618450 A 20240301	Univ Guangdong Ocean	China	Pharmaceutical additive for prevention and treatment of Dongfeng snail syndrome, inhibiting bacteria and parasites, and eliminating inflammation, comprises tannic acid, berberine hydrochloride and complex fatty acid ester
	Hainan Kangguan Biotechnology Co Ltd		
CN 117511802 A 20240206	Henan Jinbaihe Biotechnology Co Ltd	China	New strain of Bacillus subtilis JBH-BK8 used for reducing chemical oxygen demand, nitrogen, phosphorus and/or sulfide content in aquaculture water bodies, producing proteases, amylases, lipases and/or cellulases, and inhibiting e.g. Escherichia coli, Clostridium perfringens, and Aeromonas hydrophila
CN 117683119 A 20240312	Univ South China Agric	China	New polyclonal antibody comprising specific amino acid sequence used for resisting type-III carp herpes virus and preparing kit or chip for detecting type III carp herpes virus ORF92 protein
CN 117660364 A 20240308	Qingdao Runda Biological Technology Co	China	New Vibrio phage as Vibrio phage RDP-BV-21181 deposited under China General Microbiological Culture Collection Center, for use in preparation of antibacterial agents, water purifiers for preventing pollution of vibrio parahaemolyticus or vibrio alginolyticus in culture environment
CN 117327600 A 20240102	Univ Ningbo	China	Prawn intestinal tract adhesive mud bacillus strain and application thereof in prawn culture

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117568210 A 20240220	Beijing Dabeinong Technology Group Co Lt Fujian Dabeinong Huayou Aquatic Prod Tec	China	New strain of Bacillus velezensis used in preparation of medicine or feed for inhibiting Staphylococcus aureus, Escherichia coli and/or Vibrio, e.g. Vibrio parahaemolyticus and/or Vibrio alginolyticus and degrading ammonia nitrogen and/or nitrite nitrogen in culture water bodies
KR 20240023573 A 20240222	Univ Nat Chonnam Ind Found	South Korea	Composition useful for preventing or treating streptococcal infections and vibriosis, contains (2S)-5,7-dihydroxy-2-(7-hydroxy-2,2-dimethyl-2H-chromen-6-yl)-6-(3-methylbut-2-en-1-yl)-3,4-dihydro-2H-1-benzopyran-4-one
	Nat Univ Chungbuk Ind Acad Coop Found		
CN 117417899 A 20240119	Qingdao Inst Bioenergy & Bioprocess Tech Cas	China	Vibrio scophthalmi bacteriophage and application thereof
	Shandong Hairan Biotechnology Co Ltd		
CN 117487719 A 20240202	Shandong Marine Science Res Institute Qingdao National Marine Science Res Center	China	Bacillus separated from prawn intestinal tract and having anti-vibrio activity
CN 117487029 A 20240202	The First Affiliated Hospital Of Nanchang Univ	China	New bifunctional antibacterial peptide comprising specific amino acid sequence, where all amino acids are L-form, used in composition for inhibiting growth of bacteria including Escherichia coli, Klebsiella pneumoniae, Acinetobacter baumannii and Pseudomonas aeruginosa
KR 102639368 B1 20240222	Nat Univ Pukyong Ind Univ Coop Found	South Korea	Composition for preventing or improving shrimp Acute Hepatopancreatic Necrosis Disease containing a novel Bacillus sspensis strain as an active ingredient and its use



VTÉquidos

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023242070 A1 20231221	Akthelia Pharmaceuticals	Iceland	New amine-based compound used in pharmaceutical composition and for forming medicament for treating and preventing disease or condition by improving or restoring gastrointestinal epithelial barrier function of animal
WO 2023225042 A1 20231123	Univ Maryland	USA	New flexible nucleoside analogues comprising at least one of compound having Flex-Acyclovir scaffold, Flex-Tenofovir scaffold and D-nucleoside fleximer used to treat and/or prevent viral infection caused by e.g. coronavirus and filovirus
WO 2024012504 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cells, tissues or organs of subject comprises factor octamer-binding transcriptional factor 4, any factor consisting of SRY-related HMG-box (SOX)1, SOX3 and GMNN, and factor Krueppel-like factor 4
WO 2024012502 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cell, tissue or organ in subject, e.g. restoring cell, tissue or organ of transcription profile or epigenetic information lost by aging, injury or disease comprises octamer-binding transcription factor 4
CN 117599055 A 20240227	Univ Beijing Chinese Medicine	China	Broad-spectrum antiviral monomer or antiviral drug for used as viral infection inhibitor, for treating viral infectious diseases, comprises isoliensinine and its derivatives, where virus is e.g. Vesicular stomatitis virus, Influenza A virus

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024052826 A1 20240314	Csir	South Africa	New fusion protein comprising African horse sickness virus (AHSV) viral protein 2 (VP2) polypeptide linked to synthetic peptide, useful in vaccine composition for inducing immune response against African horse sickness virus
CN 117379389 A 20240112	Univ Sichuan	China	Platelet-oncolytic virus complex useful in preparation of a medicine for killing tumor cells or for treatment of tumor in subject in need, circulating tumor cell, preferably, primary tumor, preferably lung cancer, breast cancer and ovarian cancer comprises platelets and oncolytic virus
WO 2023245040 A1 20231221	Univ Maryland	USA	The analogue is useful in composition for treating and/or preventing a viral infection in a subject, where the viral infection is caused by: coronavirus, a herpesvirus e.g. herpes simplex virus 1, herpes simplex virus 2, varicella-zoster virus, Epstein-Barr virus, cytomegalovirus, and Kaposi's sarcoma herpes virus; alphavirus e.g. eastern equine encephalomyelitis (EEE), venezuelan equine encephalomyelitis (VEE), and western equine encephalomyelitis (WEE).

VT Mascotas



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117069785 A 20231117	Zhongsheng Funuojian Biotechnology Shanghai Co Ltd	China	New lipid compounds for use in lipid nanoparticle and pharmaceutical composition that are utilized for manufacturing medicament for increasing immune response, preventing/treating cancer, infectious disease, allergy and autoimmune disease, and vaccine, preferably tumor, influenza or rabies vaccine
	Shanghai Funuojian Biotechnology Co Ltd		
WO 2023221854 A1 20231123	Tianjin Ringpu Bio Tech Co Ltd	China	Oral composition with a good solubility, high insecticidal activity, good safety, fast release rate and high bioavailability, good anthelmintic effect on internal and external parasites of dog within 30 days, good insecticidal activity to insect i.e. tick, acarids, lice, flies and flea, and can achieve insecticidal effects at lower dosage
	Ringpu Tianjin Bio Pharm Co Ltd		
US 8932613 B2 20150113	Taylor Wendy Sue Du Pont	USA	Controlling infestation of ectoparasite comprising fleas and ticks, comprises topically administering composition comprising 3-bromo-1-(3-chloro-2-pyridinyl)-N-(4-cyano-2-methyl-6-((methylamino) carbonyl)-phenyl)-1H-pyrazole-5-carboxamide ticks on a homeothermic animal such as dog and cat

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024064763 A2 20240328	Seattle Childrens Hospital	USA	New Factor VI II protein comprising deletion of glycans at residue 2118 within C1 domain useful for treating subject for hemophilia i.e. hemophilia A and expressing genetic construct encoding factor VIII protein within population of cells
	D/B/A Seattle Childrens Res Institute		
CN 117069834 A 20231117	Univ Xinjiang Agricultural	China	Preparation method of echinococcus granulosis EgM123 protein monoclonal antibody
CN 117187266 A 20231208	Stemirco Shanghai Biotechnology Co Ltd	China	Polynucleotide useful in preparation of medicine for treatment of rabies virus infection in subject, preferably e.g. domestic dogs, wild dogs, cats, wolves, foxes, jackals, badgers, pigs, cattle, sheep and horses comprises coding region encoding rabies virus glycoprotein G
WO 2024057096 A1 20240321	Ceva Sante Animale	France	New self-amplifying RNA encoding protein comprising e.g. interleukin, interleukin-31 receptor alpha subunit, and oncostatin M receptor beta comprising e.g. first and second nucleic acid sequences used to reduce severity of atopic dermatitis
WO 2023247619 A1 20231228	Intervet Int Bv	Netherlands	Use of vaccine composition comprising non-Grippotyphosa Leptospira serovar for providing canine with protective immunity against Leptospira serovar Grippotyphosa
	Intervet Inc	USA	
WO 2023247622 A1 20231228	Intervet Int Bv	Netherlands	Use of vaccine composition comprising non-Icterohaemorrhagiae Leptospira serovar, for providing canine with protective immunity against Leptospira serovar Icterohaemorrhagiae, Australis, and Grippotyphosa
	Intervet Inc	USA	
WO 2023242070 A1 20231221	Akthelia Pharmaceuticals	Iceland	New amine-based compound used in pharmaceutical composition and for forming medicament for treating and preventing disease or condition by improving or restoring gastrointestinal epithelial barrier function of animal

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023247613 A1 20231228	Intervet Int Bv	Netherlands	Use of vaccine composition comprising non-Australis Leptospira serovar, for providing canine with protective immunity against Leptospira serovar Australis, Grippotyphosa and Icterohaemorrhagiae
	Intervet Inc	USA	
CN 117186220 A 20231208	Beijing Weijiexin Biotechnology Co Ltd	China	New antibody or antigen-binding fragment useful in e.g. preparing medicine for treating cutaneous pruritus disease i.e. preferably atopic dermatitis, contact dermatitis, nodular pruritus and/or eczema in mammals, comprises e.g. heavy chain variable complementarity-determining region
CN 117298100 A 20231229	Changzhou Shengjie Life Tech Co Ltd	China	External insecticide spray formulation used for killing fleas, ticks, lice and mosquitoes in pets, comprises S-methoprene, pyrethrin, ethanol, synergistic ether, synergistic amine, 2,6-di-tert-butyl-4-methylphenol, 2-carboxyl-4-n-octyloxybenzophenone, menthyl formate, and deionized water
	Shengjie Life Tech Changzhou Co Ltd		
WO 2024059803 A1 20240321	In The Bowl Animal Health Inc	USA	Composition useful for controlling intestinal helminths e.g. Toxocara canis, Toxascaris leonina, Ancylostoma caninum, Uncinaria stenocephala, Trichuris vulpis, and Toxocara cati, comprises feedstuff, and anthelmintic
	Winkle Joseph R		
	Readnour Robin S		
	Willard Kevin E		
	Snyder Daniel E		
WO 2024012504 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cells, tissues or organs of subject comprises factor octamer-binding transcriptional factor 4, any factor consisting of SRY-related HMG-box (SOX)1, SOX3 and GMNN, and factor Krueppel-like factor 4

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024012502 A1 20240118	Nanjing Reju Therapeutics Inc	China	Composition useful for rejuvenating cell, tissue or organ in subject, e.g. restoring cell, tissue or organ of transcription profile or epigenetic information lost by aging, injury or disease comprises octamer-binding transcription factor 4
CN 117547530 A 20240213	Jiangxi Bolai Pharmacy Co Ltd	China	Insecticidal and odor-repellent spray used for treating flea and tick infestations on body surface of dogs, comprises fluralaner, organic solvents, antioxidants including e.g. butylated hydroxyanisole, transdermal agent
KR 20240003499 A 20240109	Uif Univ Industry Foundation Yonsei Univ	South Korea	The pharmaceutical composition or composition is useful for preventing, improving, or treating atopic dermatitis symptoms, strengthening skin barrier function, improving skin conditions, and alleviating inflammation in dogs.
WO 2024048418 A1 20240307	Univ Hokkaido Nat Univ Corp	Japan	New anti-programmed death-ligand 1 (PD-L1) antibody useful in composition for detecting PD-L1 and diagnosing cancer or infectious disease, comprises L-chain and H-chain having complementarity determining regions
CN 117405886 A 20240116	Chongqing Academy Animal Sci	China	Enzyme-linked immunosorbent assay kit for rabies virus neutralizing antibody as well as preparation and application of enzyme-linked immunosorbent assay kit
US 11903962 B1 20240220	Farber Michael	US	Treating animal parasitic infection such as tick infestation of Dermanyssus or Ornithonyssus species, and lice infestation, involves administering shelf-stable cyclodextrin complex of isooxazoline, where cyclodextrin is 2-hydroxypropyl beta-cyclodextrin, and isooxazoline is fluralaner

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 117379389 A 20240112	Univ Sichuan	China	Platelet-oncolytic virus complex useful in preparation of a medicine for killing tumor cells or for treatment of tumor in subject in need, circulating tumor cell, preferably, primary tumor, preferably lung cancer, breast cancer and ovarian cancer comprises platelets and oncolytic virus
KR 20240002224 A 20240104	Nat Univ Pusan Ind Univ Coop Found	South Korea	Spherical chitosan-microsphere drug carrier with pores, useful in pharmaceutical composition or feed additive composition for preventing or treating inflammatory skin disease e.g. contact dermatitis and irritant contact dermatitis in dogs
	Research & Business Found Sungkyunkwan Univ		
CN 117338715 A 20240105	Ringpu Tianjin Bio Pharm Co Ltd	China	Cyclosporine self-microemulsion preparation used in preparing medicine for preventing and treating atopic dermatitis or allergic dermatitis of dog and cat, comprises cyclosporine, alpha-tocopherol, amino acid, solvent, surfactant, and cosurfactant, where amino acid is glycine, cysteine or glutathione
CN 117143924 A 20231201	Univ Huazhong Agricultural	China	Recombinant feline herpesvirus co-expressing feline calicivirus and feline parvovirus antigen protein and live vector vaccine and application thereof
CN 117430714 A 20240123	West China Hospital Sichuan Univ	China	Chimeric antigen receptor, modified immune cell and construction method of immune hepatitis and hepatic fibrosis animal model
WO 2024039311 A1 20240222	Imuneks Farma Ilac San Ve Tic A S	Turkey	Use of combination of nicosamide and spironolactone for treating disease caused by RNA virus e.g. feline coronavirus (FCoV) infections, feline infectious peritonitis, Dengue fever virus disease or West Nile virus disease in patient

Número de publicación	Solicitante	País de origen	Contenido técnico
<p>WO 2024043232 A1 20240229</p>	<p>Rohto Pharma</p>	<p>Japan</p>	<p>Agent useful for treating renal disease e.g. acute progressive nephritis syndrome, acute renal failure and diabetic nephropathy, and improving kidney function in mammal, comprises mesenchymal stem cell culture supernatant</p>
<p>WO 2024020589 A1 20240125</p>	<p>Kodiscovery Llc</p>	<p>USA</p>	<p>Animal treatment product useful for treating e.g. canine atopic dermatitis, kidney disease, and leukemia, comprises animal food product, cellular energy inhibitor composition combined</p>
<p>CN 117586386 A 20240223</p>	<p>Shanghai Petkit Hospital Management Co</p>	<p>China</p>	<p>Preparing cat infectious rhinotracheitis yolk antibody useful in preparing medicine for treating cat herpes virus comprises inoculating feline herpesvirus to host cell, culturing, performing second inoculation, sterilizing immune egg and collecting protein water phase and filtering</p>

VTVarios



Número de publicación	Solicitante	País de origen	Contenido técnico
EP 4321162 A1 20240214	Consejo Superior Investigacion	Spain	CFTR modulator compound for treating infection produced by betacoronavirus such as severe acute respiratory syndrome-coronavirus (SARS-CoV), Middle-East respiratory syndrome-coronavirus (MERS-CoV) and SARS-CoV-2, preferably respiratory pathology or lung pathology in subject such as vertebrate, preferably, mammal
CN 117100855 A 20231124	Univ Hainan	China	Nano composite for preparing nano antibacterial agent, comprises carrier, silver, vancomycin and hemin, where silver, vancomycin and hemin are loaded on carrier and nano composite releases silver ions, vancomycin and hemin under near infrared light irradiation
CN 117442664 A 20240126	Zhu Minghao	China	Use of compound Shuang-jin haemorrhoid ointment in preparing medicine for treating acne, inhibiting Propionibacterium, Staphylococcus epidermidis and Staphylococcus aureus, and inhibiting inflammatory response in human epidermal immortalized keratinocytes and rabbit ear skin lesions

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2024011294 A1 20240118	Commw Scient Ind Res Org	Australia	New amine derivative used in pharmaceutical composition or medicament for preventing or treating giardiasis, and symptom associated with giardiasis in subject such as human and non-human mammal such as domestic, wild or livestock animal, and providing parasitocidal effect
	Univ Griffith		
CN 117205152 A 20231212	Univ Nanjing	China	Medicinal vector comprises a bacterial vesicle, a targeting element located on the surface of the bacterial vesicle, and a bio-component located on the surface and/or inner side of the bacterial vesicle.
WO 2024030844 A1 20240208	Univ Mississippi	USA	The ionic liquid is useful in composition for treating or preventing an infection caused by bacteria in a subject. The bacteria are Gram-positive bacteria, Gram-negative bacteria, or both. The Gram-negative bacteria are Escherichia coli. The Gram-positive bacteria are methicillin-resistant Staphylococcus aureus(MRSA) and Mycobacterium tuberculosis.
WO 2024006949 A2 20240104	Univ Arizona	USA	Antiviral composition useful for e.g. treating respiratory disease or severe acute respiratory syndrome coronavirus 2 in subject, and treating subject infected with virus, comprises niclosamide derivative
	Univ Texas		
WO 2024005032 A1 20240104	Adeka Corp	Japan	New azepandione derivative used as pest control agent for controlling agricultural and horticultural pests, controlling ectoparasites in animals and controlling endoparasites in animals
	Nihon Nohyaku Co Ltd		
WO 2024034565 A1 20240215	Nippon Soda Co	Japan	New imidazolylazole compound used as pest control agent, insecticide, acaricide and endoparasite control and extermination agent

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023244775 A1 20231221	Boehringer Ingelheim Animal Health Usa Inc	USA	New substituted boron containing pyrimidine compounds are Janus kinase inhibitors, used to treat e.g. atopic dermatitis, flea allergy dermatitis, rheumatoid arthritis, eczema, pruritus, psoriasis, psoriatic arthritis and Bechet's disease
	Borah Inc		
WO 2024007031 A1 20240104	Univ Miami	USA	New engineered conopeptide i.e. cannabinoid receptor agonist useful for treating pain, preferably chronic pain, and decreasing levels of proinflammatory cytokines
CN 117070534 A 20231117	Beijing Weijiexin Biotechnology Co Ltd	China	Pharmaceutical composition for preventing and treating animal infectious peritonitis
	Zhejiang Weijiexin Biotechnology Co Ltd		
CN 117398377 A 20240116	Univ Beijing Chinese Medicine	China	The isoalantolactone is used for inhibiting the replication or propagation of virus in a cell, or as an inhibitor of viral infection and/or in the prevention and/or treatment of viral infectious diseases in humans or animals including bovine, equine, ovine, porcine, canine, feline, rodent and primate and inducing the expression of antiviral immune-related gene.
WO 2024013164 A1 20240118	Univ Wien Bodenkultur	Austria	Use of anthrotainin for treating subject which suffers from infection caused by antibiotic resistant bacteria i.e. tetracycline-resistant bacteria, or infection caused by Gram-positive or Gram-negative bacteria e.g. Staphylococcus aureus
	Veterinaermedizinische Univ Wien		

Noticias



Convocatoria del proceso selectivo de titulados superiores especialidad Propiedad Industrial

En la Oficina Española de Patentes y Marcas, O.A. (OEPM) contamos con un gran equipo de profesionales que se encargan de dar el mejor de los servicios a nuestros usuarios. Entre ellos están los Titulados Superiores que ingresan en la Administración General del Estado a través de un proceso selectivo.

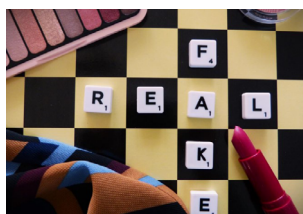
+ MÁS



Día Mundial de la Propiedad Intelectual: Lema y concurso de vídeos

Cada 26 de abril se celebra el Día Mundial de la Propiedad Industrial e Intelectual (PII). Fue en el año 2000 cuando los Estados Miembros de la Organización Mundial de la Propiedad Intelectual (OMPI) eligieron dicha fecha en conmemoración de la entrada en vigor del Convenio de la OMPI, el 26 de abril de 1970.s.

+ MÁS



Nuevo estudio del Observatorio de EUIPO

El Observatorio de EUIPO ha realizado un nuevo estudio sobre el impacto económico de las falsificaciones en los sectores de la confección, los cosméticos y los juguetes en la Unión Europea (UE).

+ MÁS



Aumento de las solicitudes de derechos de Propiedad Industrial

La Oficina Española de Patentes y Marcas, O.A. (OEPM) recopila cada año la actividad a nivel nacional que tiene lugar en cada una de las modalidades de Propiedad Industrial de su competencia y analiza todas y cada una de las solicitudes presentadas de patentes, modelos de utilidad, certificados complementarios de protección de medicamentos y productos fitosanitarios, marcas, nombres comerciales y de diseños industriales.

+ MÁS



Nuevo informe de Tecnologías de Mitigación y Adaptación del Cambio Climático

Desde la OEPM nos tomamos muy en serio el cambio climático, y por eso hemos elaborado un nuevo informe de Tecnologías de Mitigación y Adaptación del Cambio Climático (TMACC).

+ MÁS



Actualización de la solicitud electrónica de oposición y otros trámites de renovación de marcas y nombres comerciales

Hemos renovado algunos de los trámites de la OEPM con el fin de facilitar su acceso a los ciudadanos.

+ MÁS



III Edición de los "Premios a las mejores invenciones protegidas mediante Derechos de Propiedad Industrial"

La Oficina de Patentes y Marcas (OEPM) ha convocado por tercer año consecutivo estos premios para distinguir a las mejores patentes y modelos de utilidad concedidos en el 2022, consolidándose así los Premios como un referente de apoyo del Gobierno a la innovación y a su protección mediante derechos de propiedad industrial.

+ MÁS



Balance del primer año de los procedimientos de nulidad y caducidad de signos distintivos en la OEPM

El pasado 14 de enero de 2024 se cumplía un año de la entrada en vigor de la Resolución de nulidad y caducidad administrativa de signos distintivos por la que la OEPM asumía la competencia sobre dichos procedimientos.

+ MÁS

Noticias



Las enfermedades infecciosas y parasitarias dentro de las prioridades temáticas de la nueva convocatoria del CDTI 'Ecosistemas de Innovación'

Vet+i estuvo presente en el Infoday de presentación de esta nueva convocatoria que cuenta con el control de enfermedades infecciosas y parasitarias en la producción ganadera y acuícola como una de sus prioridades temáticas.

+ MÁS



Publicado el Boletín Vigilancia Tecnológica en Sanidad Animal del cuarto trimestre de 2023 con más de 350 solicitudes de patentes

En los Boletines publicados en 2023, se han recopilado más de 1.000 solicitudes de patentes, con una media de 258 solicitudes por boletín, destacando con un mayor número las especies porcino, bovino y en avicultura

+ MÁS



La Fundación Vet+i y la Oficina Española de Patentes y Marcas (OEPM) reafirman su colaboración en materia de Propiedad industrial renovando su Convenio

Este Convenio de Colaboración supone la continuación de las acciones y esfuerzos realizados en materia de Propiedad industrial en beneficio de la Sanidad Animal en España que comenzó en 2011

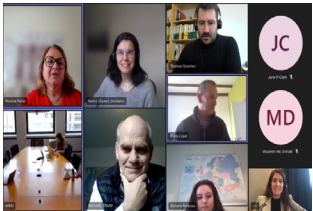
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Descubre las actividades de Vet+i en el Informe Anual 2023

Este documento compila las distintas iniciativas y acciones realizadas por la Fundación durante la anualidad de 2023 y está disponible para su consulta y descarga online.

+ MÁS



La iniciativa española Vetresponsable participa en la nueva reunión del grupo europeo EPRUMA

Vet+i presentó las actividades de la Plataforma española sobre Uso Responsable de Medicamentos Veterinarios como miembro asociado.

+ MÁS



Se abre la convocatoria de la novena edición del 'Premio Isabel Mínguez Tudela a la Innovación en Sanidad Animal' de la Fundación Vet+i

El galardón se entregará en el marco de la XV Conferencia Anual de Vet+i que tendrá lugar el próximo 26 de junio en el Auditorio Rafael del Pino en Madrid.

+ MÁS



Celebrado con éxito el taller práctico de farmacovigilancia veterinaria en Iberzoo Propet 2024

Vet+i participó en el evento organizando un taller práctico de farmacovigilancia para el veterinario clínico con la colaboración de la Agencia Española de Medicamentos y Productos Sanitarios (AEMPS) y con un stand en la exposición.

+ MÁS



La Fundación Vet+i presente en la decimotercera edición del Foro Transfiere

Vet+i ha estado presente en un stand central en el recinto y en más de veinte reuniones "Business to Business" con empresas, centros de investigación y otras organizaciones interesadas en colaborar en I+D+i en Sanidad Animal.

+ MÁS



Fundación
Vet+i

C/ San Agustín 15, 1º Dcha
28014 Madrid

Tlfno: (+34) 91 088 31 22
secretaria@vetmasi.es

www.vetmasi.es



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