

# VT

# SANIDAD ANIMAL

# 47

## Vigilancia Tecnológica 3<sup>er</sup> trimestre 2022



MINISTERIO  
DE INDUSTRIA, COMERCIO  
Y TURISMO



Oficina Española  
de Patentes y Marcas

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

**OBJETIVOS  
DE DESARROLLO  
SOSTENIBLE**



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

Este boletín número cuarenta y siete recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el tercer trimestre de 2022 en el ámbito de la sanidad animal, las cuales aparecen distribuidas según la especie animal de aplicación de las mismas.

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

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

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

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

## Contenido



Bovino



Ovino y  
Caprino



Porcino



Avicultura



Acuicultura



Apicultura



Équidos



Mascotas



Varios

# VT Bovino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
MY 177159 A 20200908	Univ Putra Malaysia	Malaysia	New bacterial polypeptide of glutamate dehydrogenase for producing Pasteurella vaccine
CN 114042153 A 20220215	Inner Mongolia Huaxi Biotechnology Co Ltd	China	Dairy cow mastitis multi-combined inactivated vaccine as well as preparation method and application thereof
JP 2022117326 A 20220810	Tokai Nat Higher Education & Res System	Japan	New phosphorus-containing compound used for medicine or reagent such as anticancer agent and antiviral agent
CN 113980838 A 20220128	Anyang Zhongnongda Biotechnology Co Ltd	China	Bacillus subtilis for efficiently and directionally expressing bacteriocin M6 and application thereof
CN 114028338 A 20220211	Jiangxi Interaction Animal Protection Tech Co Ltd	China	Preparation method and application of water-soluble acetylisovalerylytylosin tartrate premix for treating livestock mycoplasma disease
CN 113621536 A 20211109	Univ South China Agricult	China	Paenibacillus polymyxa SP1 inhibiting bacteria such as Staphylococcus aureus, Escherichia coli, Salmonella typhimurium, Bacillus thuringiensis and Klebsiella pneumoniae
CN 114259465 A 20220401	Llc For Animal Health Care Products In North China Pharmaceutical Group	China	Gamithromycin injection useful for treating bovine infectious diseases caused by bacterial pathogens
CN 113621584 A 20211109	Univ Shandong Agricultural	China	New Staphylococcus aureus bacteriophage s107 in inhibiting Staphylococcus aureus in livestock and poultry
	Dairy Cattle Res Center Of Shandong Academy Of Agricultural Sciences		
CN 113801812 A 20211217	Univ Huazhong Agricultural	China	New Pasteurella multocida Pm AHG useful in preparation of the bovine Pasteurella multocida vaccine

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2022129547 A1 20220623	Univ Copenhagen	Denmark	Nucleic acid vaccines
	Adaptvac Aps		
RU 2020101894 A3 20210716	Univ Kuban State Agrarian	Russian Federation	Preventing Escherichiosis in calves, including two-fold immunization with vaccine against Escherichiosis of pregnant cows and two-time administration of drug to calves born from immunized pregnant cows
WO 2022192163 A1 20220915	Purdue Research Foundation	USA	Novel vaccine formulations for mycobacterium tuberculosis and use of thereof
	Houston Methodist Res Institute		
	Jagannath Chinnaswamy		
US 2022185852 A1 20220616	Bayer Animal Health GmbH	USA	Methods and compositions for improved production of an antigen for use in an s. Aureus vaccine
WO 2022192912 A1 20220915	Univ Kansas State	USA	Bovine viral diarrhea virus immunogenic compositions and methods of use thereof
WO 2022131922 A1 20220623	Univ Utrecht Holding Bv	Netherlands	Cath2 derivatives for stimulating innate immune memory
CN 217040799 U 20220726	Jiangsu Weiling Cybernetic Organism Co	China	New fumaric acid tiamulin microcapsule useful for e.g. Livestock and poultry respiratory disease, swine mycoplasma pneumonia, atrophic rhinitis, pig haemophilus parasuis, actinobacillus pleuropneumonia, ileitis, colitis and edema disease
RU 2020123463 A3 20220111	Federal State Budgetary Educational	Russian Federation	Vaccine used to prevent mastitis in cattle, contains Escherichia coli, Streptococcus, Staphylococcus, Bacillus, Klebsiella, and Pseudomonas aeruginosa
CN 113980102 A 20220128	Beijing Huaxia Xingyang Biological Science & Tech Co Ltd	China	Preparation of Escherichia coli K99 strain low toxin cilium antigen used for treating diarrhea of calf
	Huaxia Xingyang Jiangsu Biotechnology Co Ltd		
	Beijing Centre Biology Co Ltd		
CN 114748460 A 20220715	Caas Lanzhou Husbandry & Pharm Sci Inst	China	Medicine for treating Cryptosporidium infection of calf, comprises gallic acid as active ingredient

Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20220109129 A 20220804	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Vaccine composition containing novel type of inactivated Salmonella Enteritidis whole cells for preventing or treating salmonellosis
CN 114292333 A 20220408	Univ Shanghai Traffic	China	Bovine-derived single-chain antibody for resisting staphylococcus aureus coagulase Coa as well as preparation method and application of bovine-derived single-chain antibody
CN 114404365 A 20220429	Shandong Lu Anti Schiri Pharmacological Co Ltd	China	Ceftaroline injection for preparation of a medication for preventing and treating dairy cow mastitis
CN 114747534 A 20220715	Univ China Agricultural	China	New Escherichia coli 1587 useful for constructing animal model of diarrheal Escherichia coli infection for screening medicine for treating colitis and diarrhea and researching mechanism of intestinal health in animal, preferably dairy cows
CN 114805589 A 20220729	Zhengzhou Yimeinuo Biotechnology Co Ltd	China	New monoclonal antibody comprising heavy chain variable region and/or light chain variable region comprising specific amino acid sequence, used for detecting cattle and sheep disease such as brucellosis
CN 114681557 A 20220701	Triding Emerging Biotechnology Tianjin Ltd Company	China	Traditional Chinese medicine oral liquid for treating bovine viral diarrhea and preparation method thereof
WO 2022136622 A1 20220630	Intervet Int Bv	Netherlands	Methods of treating mastitis with an orthosomycin antimicrobial compound
	Intervet Inc	USA	
KR 20220116822 A 20220823	Hyundai Pharm Co Ltd	South Korea	New amine-based compound useful as medicinal composition for preventing and treating autotaxin-related diseases including e.g. Fibrotic disease, proliferative disease, inflammatory disease, autoimmune disease, and respiratory disease
CN 114521986 A 20220524	Prevention And Control Place For Local Diseases In Qinghai Province	China	Blood sampling device for Brucella detection
CN 114681555 A 20220701	Triding Emerging Biotechnology Tianjin Ltd Company	China	Externally applied ointment for treating cow mastitis and preparation method thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022140421 A2 20220630	Chowdhury Shafiqul I Univ Louisiana State	USA	New bovine herpesvirus-1 recombinant vector useful e.g. In live attenuated vaccine for protection against bovine viral respiratory infection.
CN 114773438 A 20220722	Lanzhou Veterinary Res Inst China Agric	China	New bovine viral diarrhea virus E0 truncated protein comprising amino acid sequence, useful in preparation of bovine viral diarrhea vaccine
CN 114748484 A 20220715	Univ China Agricultural	China	Use of ursodeoxycholic acid in preparation of medicine for preventing and treating Escherichia coli diarrheal disease, where Escherichia coli is CTX-M type extended-spectrum beta-lactamases-diarrheagenic Escherichiacoli strain
CN 114748606 A 20220715	Feed Res Inst Chinese Acad Agric Sci	China	Use of antimicrobial peptide NZ2114 in preparation of medicine or composition for providing antibacterial effect against Streptococcus agalactiae or Streptococcus dysgalactiae, or treating or preventing streptococcosis or cow mastitis
WO 2022161972 A1 20220804	Intervet Int Bv	Netherlands	Antiparasitic compounds
	Intervet Inc	USA	
WO 2022189588 A1 20220915	Nutrition Sciences Nv	Belgium	Pelargonic acid for use against viral infections
WO 2022144575 A1 20220707	Procaps S A	Colombia	Formulación de ivermectina en solución oral/formulation of ivermectin in oral solution
CN 114805541 A 20220729	Fujian Fuyu Agric Technology Dev Co Ltd	China	The porcine thymosin is useful in improving animal lymphocyte activity
	Fujian Vocational College Agric		
	Fujian Xingbang Biotechnology Co Ltd		
	Fuzhou Zhongwei Biotechnology Co Ltd		
	Present Fuzhou Bio-Tech Co Ltd		
CN 114432301 A 20220506	Univ Beijing	China	Covalent inhibitor derivative and application thereof in treatment of virus infection

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114853913 A 20220805	Wukang Biotechnology Co Ltd	China	New fusion protein of plant antimicrobial peptide AFP1 and Bacillus secreted peptide spamyq used to construct engineering strains in preparing medicines for preventing and treating microbial diarrhea in livestock
CN 114774340 A 20220722	Univ Huazhong Agric	China	New Mycoplasma bovis gene mutant strain T9.210, useful in preparation of Mycoplasma bovis vaccine
CN 114469848 A 20220513	Figeraeae Nanjing Biotechnology Ltd Company	China	Staphylococcus aureus phage suppository and application of staphylococcus aureus phage suppository in treatment of dairy cows endometritis
CN 114748459 A 20220715	Univ China Agricultural	China	The gallic acid has an excellent protective effect on colitis caused by Escherichia coli diarrhea in dairy cows and lays a theoretical foundation for prevention and treatment
CN 114563574 A 20220531	Chinese Academy Of Sciences Beijing Institute Of Genome Nat Biological Information Center	China	Molecular marker combination and application thereof
WO 2022125776 A2 20220616	Siwa Corp	USA	Methods and compositions for treating kidney diseases
CN 114224833 A 20220325	Foshan Positive Biotechnology Ltd Company	China	Suspending agent useful in preparation of aqueous suspension of coccidiosis vaccine
CN 114686445 A 20220701	Heilongjiang Eight One Agricultural Reclamation Univ	China	Monoclonal antibody for detecting necrobacter leukotoxin, kit and application thereof
CN 114702597 A 20220705	Sichuan Yimeikang Technology Co Ltd	China	New plant antimicrobial peptide Clitoria ternatea antimicrobial peptide-1 (Ct-AMP1) fusion protein useful in preparing drug for preventing or/and treating bacterial diarrhea in livestock caused by Salmonella or Escherichia coli

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2022171711 A1 20220818	Intervet Int Bv	Netherlands	Vaccine for mycoplasma bovis
	Intervet Inc	USA	
	Atg Biosynthetics Gmbh	Germany	
CN 114539396 A 20220527	Nanyang Normal School	China	Bovine enterovirus egg yolk antibody and preparation
WO 2022155333 A1 20220721	Albert Einstein College Of Medicine	USA	Use of chaperone-mediated autophagy activators for treating or preventing blood cancers and myelodysplastic syndromes
WO 2022159506 A1 20220728	Merit Therapeutics Inc	USA	New deuterated cannabidiol compound used in pharmaceutical composition for preventing or treating disease or disorder
WO 2022126127 A1 20220616	Iocure Inc	USA	Pharmaceutical composition used for treating neoplasm and intracellular pathogen
US 2022241356 A1 20220804	Md Healthcare Inc	South Korea	Composition for preventing, treating, or alleviating viral infection diseases or respiratory diseases comprising vesicle derived from lactobacillus paracasei
CN 114736308 A 20220712	Wei Y	China	Fusion protein of Coccidioides antigenic peptide/IL5 or the genetically engineered bacteria for preparing drug for preventing or/and treating livestock coccidial infection
CN 114717150 A 20220708	Univ Hebei Agric	China	New Lactiplantibacillus plantarum CRS 33 for inhibiting harmful bacteria in reproductive tract of dairy cows
WO 2022161420 A1 20220804	Innovstone Therapeutics Ltd	China	New heteroaromatic compounds useful as TLR7 agonist in medicament for treating cancer and viral infection diseases caused by virus
WO 2022169373 A1 20220811	Alexander Alan Moana	New Zealand	Composition used to increase niclosamide in the blood or tissues of animal, and treat or prevent parasitic infection, bacterial infection, and viral infection
	Neumann Eric James		
	Razzak Majid Hameed Abdul		
	Edwards Paul		



<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2022164260 A1 20220804	Abbrain	South Korea	Gene therapy for treating neurodegenerative diseases
WO 2022160015 A1 20220804	Univ Griffith	Australia	Antiviral agents and uses thereof
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene
WO 2022164259 A1 20220804	Abbrain	South Korea	Gene therapy for treating neurodegenerative diseases
WO 2022155526 A2 20220721	Seattle Childrens Hospital D/B/A Seattle Childrens Res Institute	USA	Hybrid and truncated immune cell proteins
WO 2022135622 A2 20220630	Ct Ingenieria Genetica Biotecnologia	Cuba	Péptidos para el tratamiento de infecciones respiratorias de origen viral/ peptides for the treatment of respiratory infections of viral origin
RU 208781 U1 20220113	As Russia Siberian Federal Res Cent Agro	Russian Federation	Electronic device for measuring thickness of skin fold, faster and better work to detect tuberculosis
US 2022184141 A1 20220616	Mam Holdings Of West Florida L L C	USA	Amniotic fluid formulation for treatment of joint pain or disorders
US 2022177549 A1 20220609	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in livestock animals and methods of use
WO 2022133420 A1 20220623	Boehringer Ingelheim Animal Health Usa Inc Borah Inc	USA	Boron containing pyrazole compounds, compositions comprising them, methods and uses thereof
WO 2022166468 A1 20220811	Ya Therapeutics Inc	China	Bruton's tyrosine kinase inhibitor and application thereof
WO 2022150818 A1 20220714	Yuvan Res Inc	USA	Anti-aging compositions and uses thereof
WO 2022174384 A1 20220825	Mitobridge Inc	USA	New phosphate salt of 2-(1,3-benzoxazol-2-yl)amino-N-2-(2-hydroxyethoxy)ethyl-1-methyl-1H-benzimidazole-5-carboxamide compound used in pharmaceutical composition for treating fibrotic disease and cancer
WO 2022162204 A1 20220804	Bayer Animal Health GmbH	Germany	



Nº de Publicación	Solicitante	País de origen	Contenido técnico
<a href="#">WO 2022174384 A1</a> <a href="#">20220825</a>	Mitobridge Inc	USA	New phosphate salt of 2-(1,3-benzoxazol-2-yl) amino-N-2-(2-hydroxyethoxy) ethyl-1-methyl-1H-benzimidazole-5-carboxamide compound used in pharmaceutical composition for treating fibrotic disease and cancer
<a href="#">WO 2022162204 A1</a> <a href="#">20220804</a>	Bayer Animal Health GmbH	Germany	Vaccine composition for breaking self-tolerance



# Ovino y Caprino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
MY 177159 A 20200908	Univ Putra Malaysia	Malaysia	Attenuated bacteria for use in a vaccine
WO 2022129547 A1 20220623	Univ Copenhagen	Denmark	Nucleic acid vaccines
	Adaptvac Aps		
WO 2022189856 A1 20220915	Abionyx Pharma Sa	France	Compounds useful for treating liver diseases
US 2022184141 A1 20220616	Mam Holdings Of West Florida L L C	USA	Amniotic fluid formulation for treatment of joint pain or disorders
CN 217040799 U 20220726	Jiangsu Weiling Cybernetic Organism Co	China	New fumaric acid tiamulin microcapsule useful for e.g. Livestock and poultry respiratory disease, swine mycoplasma pneumonia, atrophic rhinitis, pig haemophilus parasuis, actinobacillus pleuropneumonia, ileitis, colitis and edema disease
WO 2022187966 A1 20220915	Schmitt Ulms Gerold	Canada	Compounds for altering levels of one or more nka alpha subunits and their use in treating prion diseases or brain diseases associated with cellular prion protein
	Mehrabian Mohadeseh		
	Williams Declan Gwilym		
US 2022177549 A1 20220609	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in livestock animals and methods of use
WO 2022133420 A1 20220623	Boehringer Ingelheim Animal Health Usa Inc	USA	Boron containing pyrazole compounds, compositions comprising them, methods and uses thereof
	Borah Inc		
KR 20220109129 A 20220804	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Vaccine composition containing novel type of inactivated Salmonella Enteritidis whole cells for preventing or treating salmonellosis
CN 114805589 A 20220729	Zhengzhou Yimeinuo Biotechnology Co Ltd	China	New monoclonal antibody comprising heavy chain variable region and/or light chain variable region comprising specific amino acid sequence, used for detecting cattle and sheep disease such as brucellosis

Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20220116822 A 20220823	Hyundai Pharm Co Ltd	South Korea	New amine-based compound useful as medicinal composition for preventing and treating autotaxin-related diseases including e.g. Fibrotic disease, proliferative disease, inflammatory disease, autoimmune disease, and respiratory disease
CN 114521986 A 20220524	Prevention And Control Place For Local Diseases In Qinghai Province	China	Blood sampling device for Brucella detection
CN 114752569 A 20220715	China Customs Sci & Technology Res Cent	China	New hybridoma cell line 8D3 useful for secreting monoclonal antibody for preparing product for detecting prion diseases such as mad cow disease and/or scrapie
WO 2022169364 A1 20220811	Univ Utrecht Holding Bv	Netherlands	Cath2 and derivatives for inhibiting streptococcus suis
CN 114853913 A 20220805	Wukang Biotechnology Co Ltd	China	New fusion protein of plant antimicrobial peptide AFP1 and Bacillus secreted peptide spamyq used to construct engineering strains in preparing medicines for preventing and treating microbial diarrhea in livestock
WO 2022125776 A2 20220616	Siwa Corp	USA	Methods and compositions for treating kidney diseases
CN 114702597 A 20220705	Sichuan Yimeikang Technology Co Ltd	China	New plant antimicrobial peptide Clitoria ternatea antimicrobial peptide-1 (Ct-AMP1) fusion protein useful in preparing drug for preventing or/and treating bacterial diarrhea in livestock caused by Salmonella or Escherichia coli
WO 2022171711 A1 20220818	Intervet Int Bv	Netherlands	Vaccine for mycoplasma bovis
	Intervet Inc	USA	
	Atg Biosynthetics GmbH	Germany	
CN 114853901 A 20220805	Sichuan Beisian Trading Co Ltd	China	New antimicrobial peptide AFP1 fusion protein useful for preparing drug for preventing and/or treating bacterial diarrhea, preferably diarrhea caused by Salmonella or Escherichia coli in livestock
WO 2022166468 A1 20220811	Ya Therapeutics Inc	China	Bruton's tyrosine kinase inhibitor and application thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022150818 A1 20220714	Yuvan Res Inc	USA	Anti-aging compositions and uses thereof
CN 114736308 A 20220712	Wei Y	China	Fusion protein of Coccidoides antigenic peptide/IL5 or the genetically engineered bacteria for preparing drug for preventing or/and treating livestock coccidial infection
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene
CN 114634555 A 20220617	Beijing Sier Fusen Biotechnology Co Ltd	China	Antibody specifically binding to rotavirus VP6 protein and application thereof
MY 177159 A 20200908	Univ Putra Malaysia	Malaysia	New bacterial polypeptide of glutamate dehydrogenase for producing Pasteurella vaccine
WO 2022159506 A1 20220728	Merit Therapeutics Inc	USA	New deuterated cannabidiol compound used in pharmaceutical composition for preventing or treating disease or disorder

# VT Porcino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022144353 A1 20220707	Hipra Scient S L U	Spain	Immunogenic or vaccine composition treating e.g. Swine dysentery comprises an isolated and inactivated bacterium from the species <i>Brachyspira hyodysenteriae</i>
CN 114209823 A 20220322	Zhongpao Industry Stock Ltd Company	China	Adjuvant for swine Japanese encephalitis live vaccine composition, composition and application
CN 113957057 A 20220121	Univ Southwest	China	New hybridoma cell useful in monoclonal antibody capable for neutralizing pig lysin and in medicine preparation treating infection of <i>Streptococcus suis</i> and in preparation for inhibiting hemolytic medicine or inhibiting cell factor storm
	Chongqing Camab Biotech Ltd		
CN 113817687 A 20211221	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	New hybridoma cell strain useful for preparing and detecting swine influenza virus product, preparing swineinfluenza virus TCID 50 assay product
CN 114075277 A 20220222	Dongguan Pengzhi Biotechnology Co Ltd	China	Anti-influenza A virus antibody and kit for detecting influenza A virus
CN 113980838 A 20220128	Anyang Zhongnongda Biotechnology Co Ltd	China	<i>Bacillus subtilis</i> for efficiently and directionally expressing bacteriocin M6 and application thereof
CN 113736746 A 20211203	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Preparation, characteristic analysis and application of African swine fever virus cell line adapted strain
CN 114181302 A 20220315	Dongguan Tongzi Biotechnology Co Ltd	China	Antibodies, kits and vectors against influenza A virus

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113801854 A 20211217	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Hybridoma cell line capable of secreting European type Porcine reproductive and respiratory syndrome virus (EU-type PRRSV) specific monoclonal antibody and application thereof
CN 114181258 A 20220315	Univ Nanjing	China	Use of nucleoside compound in preparing pharmaceutical composition for antiviral treatment against coronavirus, porcine epidemic diarrhea virus or avian influenza virus
CN 113621536 A 20211109	Univ South China Agricult	China	Paenibacillus polymyxa SP1 inhibiting bacteria such as Staphylococcus aureus, Escherichia coli, Salmonella typhimurium, Bacillus thuringiensis and Klebsiella pneumoniae
CN 113621584 A 20211109	Univ Shandong Agricultural Dairy Cattle Res Center Of Shandong Academy Of Agricultural Sciences	China	New Staphylococcus aureus bacteriophage s107 in inhibiting Staphylococcus aureus in livestock and poultry
CN 114015660 A 20220208	Lanzhou Veterinary Res Inst Caas	China	Construction of attenuated African swine fever virus strain without ten genes and application of attenuated African swine fever virus strain as vaccine
WO 2022187230 A2 20220909	Univ Iowa State Res Found Inc	USA	Methods and compositions for detecting and producing porcine morbillivirus and immunogenic compositions thereof
CN 216983047 U 20220719	Cai R Wang H Yu H	China	Device for preventing foot-and-mouth disease of e.g. Pig, has detecting frame whose surface is provided with observing mechanism, inner part provided with cleaning mechanism, and side provided with feeding mechanism
CN 114315981 A 20220412	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Polypeptides for promoting generation of African swine fever virus antigen specific immune response in swine body and application thereof
WO 2022129547 A1 20220623	Univ Copenhagen Adaptvac Aps	Denmark	Nucleic acid vaccines

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114272365 A 20220405	Shanghai Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Shanghai Branch Center	China	Construction of gene-deleted attenuated African swine fever virus and application of gene-deleted attenuated African swine fever virus as vaccine
	Jinyubaling Biopharmaceutical Co Ltd South China Agriculture Univ		
CN 114831972 A 20220802	Qiu R	China	Use of ether in preparing of ant-African swine fever virus medicine, and pharmaceutical preparation of ether is targeted preparation, where targeted preparation is emulsion, liposome, microcapsule, micro-sphere, and nanoparticle
WO 2022131922 A1 20220623	Univ Utrecht Holding Bv	Netherlands	Cath2 derivatives for stimulating innate immune memory
CN 217040799 U 20220726	Jiangsu Weiling Cybernetic Organism Co	China	New fumaric acid tiamulin microcapsule useful for e.g. Livestock and poultry respiratory disease, swine mycoplasma pneumonia, atrophic rhinitis, pig haemophilus parasuis, actinobacillus pleuropneumonia, ileitis, colitis and edema disease
WO 2022131903 A1 20220623	Xie Li Products Co Ltd	Malaysia	Herbal composition, method for preparing same and method for preventing or treating viral infections by administering the same
	Lim Wai Ling		
JP 2022099508 A 20220705	Yamada Yohojo Honsha Kk	Japan	Coronavirus killing agent for killing such as pig-infectious coronavirus, contains Echinacea as active ingredient
CN 114317456 A 20220412	Chengdu History Biopharmaceutical Ltd Company	China	Inactivation method of porcine circovirus type 2 strain and porcine circovirus vaccine
WO 2022129918 A1 20220623	Imperial College Innovations Ltd	United Kingdom	RNA vaccine formulation used in vaccine vial or pre-loaded syringe, to elicit immune response and to treat bacterial or viral infection



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114272213 A 20220405	Xiamen Wheatman Animal Pharmacological Co Ltd	China	Florfenicol powder useful for e.g. Treating porcine respiratory syndrome, infectious pleuropneumonia, pneumonia and infectious atrophic rhinitis, comprises florfenicol, beta-cyclodextrin, wetting agent, co-solvent, and anhydrous glucose
CN 114324874 A 20220412	Luoyang Zhongcae Biochip Tech Co Ltd	China	African swine fever virus detection kit and application thereof
	Luoyang Putai Biotechnology Co Ltd		
	Beijing Zhongke Gene Tech Co Ltd		
WO 2022166933 A1 20220811	Univ Shanghai Tech	China	Use of compound, its salt, solvate, salt solvate or its crystal form in preparing anti-coronavirus preparation useful in preparing anti-coronavirus preparation or RNA-dependent RNA polymerase inhibitor for resisting coronavirus
CN 114805599 A 20220729	Univ South China Agric	China	New recombinant protein based on addomer chimeric swine type O foot-and-mouth disease virus (FMDV) epitope useful for preparing FMDV subunit vaccine for treating and preventing FMDV infection and inducing specific immune responses in body
WO 2022162111 A1 20220804	Centre Nat Rech Scient	France	New synthetic sialoside for preventing and/or treating infection due to virus having affinity for sialic acid i.e. Influenza virus H1N1, H3N2 or B strain in equine, porcine or avian influenza virus
	Ecole Normale Superieure Lyon		
	Inst Nat Sante Rech Med		
	Univ Claude Bernard Lyon		
KR 20220109129 A 20220804	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Vaccine composition containing novel type of inactivated Salmonella Enteritidis whole cells for preventing or treating salmonellosis
CN 114377121 A 20220422	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Recombinant African swine fever antigen cocktail vaccine containing intramolecular adjuvant and application thereof
CN 114525294 A 20220524	Jiangsu Acad Agricultural Sci	China	Method for preparing porcine interferon delta 5 and application of porcine interferon delta 5

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114807062 A 20220729	Lanzhou Veterinary Res Inst China Agric	China	Use of preparing attenuat- ed African swine fever virus strain or attenuated Afri- can swine fever virus vac- cine by inhibiting expression of I73R gene in genotype II African swine fever virus
CN 114752531 A 20220715	Yang Y	China	New swine-derived Esche- richia coli avirulent isolate F418 useful in preparation of vector e.g. For detection of antigen-mediated indi- rect agglutination assay, and detection antibody-me- diated indirect agglutina- tion
CN 114521986 A 20220524	Prevention And Control Place For Local Diseases In Qinghai Province	China	Blood sampling device for Brucella detection
CN 114805609 A 20220729	Lanzhou Veterinary Res Inst China Agric	China	Classical swine fever virus E2-E0 fusion protein used for preparation of classical swine fever virus vaccine
CN 114805600 A 20220729	Univ South China Agric	China	Recombinant protein of pig circular ring type 2d frame chimeric epitope of pig O-type foot-and-mouth disease virus for treating porcine circovirus type 2d infection
CN 114732821 A 20220712	Univ Huazhong Agric	China	Use of cidofovir prodrug in preparation of medicine for preventing and treat- ing African swine fever, and inhibiting expression of African swine fever virus structural protein
US 2022249518 A1 20220811	Us Health	USA	Inhibiting viral infection in a subject comprises adminis- tering an agent to the sub- ject to inhibit the viral in- fection, where the agent is a competitive antagonist of ouabain binding to ATP1A1
CN 114404439 A 20220429	Univ Shandong Agricul- ture	China	Blocking agent for inhib- iting infection of different types of porcine reproduc- tive and respiratory syn- drome viruses

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022148779 A1 20220714	Arbiom Sas	Francia	Composition useful e.g. For preventing or treating gastrointestinal disorder e.g. Inflammatory bowel disease, Crohn's disease and ulcerative colitis, comprises microorganisms cultivated on or with lignocellulosic hydrolysate
FR 3120944 A1 20220923	Virbac	France	Determining optimum age for vaccination of piglets on pig farm against porcine circovirus type 2 with immunogenic composition
CN 114752528 A 20220715	Univ Huazhong Agric	China	New isolated Bacillus subtilis strain useful in preparation of biological preparation and product for preventing and controlling African swine fever virus infection and African swine fever virus inhibitor
	Wuhan Keqian Animal Biological Prod Co		
WO 2022169364 A1 20220811	Univ Utrecht Holding Bv	Netherlands	Treating or preventing Streptococcus suis infection in a subject comprises administering cathelicidin
CN 114456240 A 20220510	Univ Qingdao Agricultural	China	Genetic engineering subunit oral vaccine for African swine fever virus
CN 114470181 A 20220513	Chengdu Eiso Biotechnology Co Ltd	China	Composite water adjuvant vaccine of porcine circovirus type 2 (PCV2) and preparation method of composite water adjuvant vaccine
CN 114533740 A 20220527	Guangzhou Weisheng Medical Science And Tech Limited Company	China	The boar smelling agent is used for detection of estrus and seduction of sow including reserved sow or weaned sow, where the sow is in initial condition and fed 14-18 days with altrenogest
CN 114833799 A 20220802	Univ Zhejiang	China	Robot for unmanned collection of saliva sample in farm such as livestock and poultry quarantine field for preventing and treating epidemic diseases such as swine fever, blue ear disease and porcine circosis.
WO 2022189588 A1 20220915	Nutrition Sciences Nv	Belgium	Pelargonic acid for use against viral infections

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114525263 A 20220524	Jinyubaling Biopharmaceutical Co Ltd	China	Method for purifying and concentrating porcine acute diarrhea syndrome coronavirus antigen
	Agricultural And Animal Product Quality Safety Center In Inner Mongolia Autonomous Region		
CN 114533730 A 20220527	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of Shenzhen Intelligent Medicine Information Tech Limited Company	China	Application of Triapine in treating African swine fever virus infection
WO 2022144575 A1 20220707	Procaps S A	Colombia	Formulación de ivermectina en solución oral/formulation of ivermectin in oral solution
CN 114533741 A 20220527	Univ Henan Agricultural	China	Use of progesterone or its structural analogs in preparation of reagents for inhibiting the entry of enveloped viruses into cells
CN 114736878 A 20220712	Qinhuangdao Modenggou Biotechnology Co	China	New recombinant baculovirus co-expressing porcine interferon L3 and porcine interleukin 22 useful for preventing and treating porcine intestinal coronavirus infection
	Liu P		
	Xu F		
	Zhu L		
CN 114805541 A 20220729	Fujian Fuyu Agric Technology Dev Co Ltd	China	The porcine thymosin is useful in improving animal lymphocyte activity
	Fujian Vocational College Agric		
	Fujian Xingbang Biotechnology Co Ltd		
	Fuzhou Zhongwei Biotechnology Co Ltd		
	Present Fuzhou Bio-Tech Co Ltd		
CN 114432301 A 20220506	Univ Beijing	China	Covalent inhibitor derivative and application thereof in treatment of virus infection
EP 4036226 A1 20220803	Agence Nat Chargee De La Securite Sanitaire De Lalimentation De Lenvironnement Et Du Travail	France	Attenuated african swine fever virus and its use as a vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114853913 A 20220805	Wukang Biotechnology Co Ltd	China	New fusion protein of plant antimicrobial peptide AFP1 and Bacillus secreted peptide spamyq used to construct engineering strains in preparing medicines for preventing and treating microbial diarrhea in livestock
CN 114533754 A 20220527	Univ Nanjing	China	Nano artificial antibody with broad-spectrum antiviral effect and preparation method thereof
CN 114469925 A 20220513	Beijing Agricultural College	China	Medicine and method for antagonizing porcine respiratory and reproductive syndrome virus replication
WO 2022135683 A1 20220630	Probiogen Ag	Germany	Use of a birnavirus alone or in combination therapy for the treatment of a disease caused by a nidovirus
CN 114796473 A 20220729	Jiangsu Agric Sci Inst Univ Zhejiang	China	Preparation of swine delta-coronavirus inactivated vaccinating agent involves performing scale-up culture of suspension cells in medium, preparing swine delta-coronavirus liquid, emulsifying virus liquid and adjuvant and packaging product
	Zhejiang Hongsheng Biotechnology Co Ltd		
CN 114807223 A 20220729	Xinjiang Fangmu Biotechnology Co Ltd	China	Method for constructing porcine epidemic diarrhea virus infectious clone.
CN 114395567 A 20220426	Zhong Chunfang	China	Genetic engineering vaccine for porcine reproductive and respiratory syndrome virus
CN 114751979 A 20220715	Wuhan Chenpeng Yongjia Biotechnology Co Ltd	China	New anti-porcine transmissible gastroenteritis virus NSP14 protein monoclonal antibody used in preparation of anti-porcine infectious gastroenteritis preparations or medicines
CN 114807059 A 20220729	Shandong Sinder Technology Co Ltd	China	New Porcine circovirus type 3 (PCV3) strain useful for preparing pcv3 vaccine, preferably genetically engineered PCV3 subunit vaccine, comprises capsid protein

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114469941 A 20220513	Hebei Costar Pharmacological Co Ltd	China	Compound amino acid injection for preventing and treating livestock diseases as well as preparation method and application of compound amino acid injection
CN 114702597 A 20220705	Sichuan Yimeikang Technology Co Ltd	China	New plant antimicrobial peptide Clitoria ternatea antimicrobial peptide-1 (Ct-AMP1) fusion protein useful in preparing drug for preventing or/and treating bacterial diarrhea in livestock caused by Salmonella or Escherichiacoli
US 2022233564 A1 20220728	Univ South Florida	USA	Ophthalmological formulations for the prevention of a coronavirus infection
CN 114642725 A 20220621	Jiangxi Zhengbang Tech Co Ltd Jiangxi Zhengbang Acad Of Agricultural	China	Preparation method of porcine circovirus type-2a/2b bivalent inactivated vaccine
CN 114767682 A 20220722	Univ Foshan Henan Animal Quarantine Terminal Henan	China	Use of rifampicin in combination with resveratrol in preparing medicine for preventing and treating blue ear disease and resisting porcine reproductive and respiratory syndrome virus (PRRSV) by inhibiting PRRSV N protein expression, and for resisting respiratory inflammation
CN 114409741 A 20220429	Univ Jilin	China	PCV2, PCV3 and PCV4 triple subunit vaccine as well as preparation method and application thereof
CN 114853901 A 20220805	Sichuan Beisian Trading Co Ltd	China	New antimicrobial peptide AFP1 fusion protein useful for preparing drug for preventing and/or treating bacterial diarrhea, preferably diarrhea caused by Salmonella or Escherichia coli in livestock
CN 114540393 A 20220527	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Porcine circovirus type 3 virus-like particle as well as construction method and application thereof
CN 114588168 A 20220607	South China Agriculture Univ	China	Application of toosendanin in preparation of medicine for preventing and treating porcine virus infectious diseases

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114836392 A 20220802	Univ Foshan	China	Porcine reproductive and respiratory syndrome virus (PRRSV) weak virus comprises 78th site amino acid in the N protein of the PRRSV weak virus is mutated into alanine
CN 114836391 A 20220802	Univ Huazhong Agric	China	Method for constructing recombinant T4 phage used in preparation of influenza virus intranasal delivery virus-like particle (VLP) vaccine
CN 114835782 A 20220802	Lanzhou Veterinary Res Inst China Agric	China	New swine fever virus E0 truncated protein used in preparation of swine fever vaccine or swine fever diagnosis preparation, where vaccine is subunit vaccine
CN 114469913 A 20220513	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of Shenzhen Intelligent Medicine Information Tech Limited Company	China	Application of Tilorone in prevention/treatment of African swine fever virus infection
CN 114480439 A 20220513	Chengdu History Biopharmaceutical Ltd Company	China	Porcine parvovirus VP2 protein gene and application thereof
CN 114437236 A 20220506	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Recombinant African swine fever virus multi-epitope fusion protein as well as preparation and application thereof
CN 114426974 A 20220503	Luoyang Putai Biotechnology Co Ltd	China	African swine fever virus CD2v protein as well as kit and antibody prepared from African swine fever virus CD2v protein



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114743475 A 20220712	Laixi New Hope Liuhe Farming Co Ltd	China	Electronic compass for guiding African swine fever purification, has first pointer, second pointer and liquid crystal screen connected with controller, and disk body connected with power supply and provided with universal serial bus interface
	New Hope Liuhe Co Ltd		
	Shandong New Hope Liuhe Group Co Ltd		
	Beijing Xinliu Agric & Animal Husbandry		
	Jiaxiang New Hope Liuhe Pig Breeding Co		
	Juye Xinhao Agric & Animal Husbandry Co		
	New Hope Group Co Ltd		
	Shandong Xinxiwang Liuhe Agric & Animal		
	Sichuan Xinxiwangliuhe Pig Breeding Tech		
	Xiajin New Hope Liuhe Agric & Animal		
CN 114456263 A 20220510	Northwest Agriculture And Forestry Science And Technology Univ	China	Nanometer antibody specifically binding to hepatitis E virus capsid protein and application thereof
CN 114487396 A 20220513	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	Red latex microsphere immunochromatography test strip for detecting porcine circovirus type 2 as well as preparation method and application of red latex microsphere immunochromatography test strip
CN 114652731 A 20220624	Agricultural Univ In China	China	Application of tannic acid in preparation of medicine for preventing and treating African swine fever
CN 114424797 A 20220503	Hongjiang Jinland Ecological Agriculture Ltd Responsibility Company	China	Feed additive for improving immunity of pigs, preventing swine fever and increasing lean meat percentage
CN 114574503 A 20220603	Chengdu History Biopharmaceutical Ltd Company	China	Classical swine fever E2 protein gene, porcine pseudorabies virus gd protein gene and application thereof
CN 114515274 A 20220520	Xiamen Wheatman Animal Pharmaceutical Co Ltd	China	Acidified amoxicillin soluble powder as well as preparation method and application thereof
CN 114681104 A 20220701	Huang Xiuling	China	Slaughter house African swine fever decontamination blood sampling channel and monitoring evaluation method

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114236128 A 20220325	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural Inst Of City Agriculture Of Chinese Academy Of Agricultural Sciences	China	Blocking ELISA kit for detecting porcine acute diarrhea syndrome coronavirus N protein antibody
CN 114656553 A 20220624	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	Monoclonal antibody for recognizing p72 protein of African swine fever virus, kit containing monoclonal antibody and application of monoclonal antibody
KR 20220094908 A 20220706	Korea Res Inst Chemical Tech Pasteur Institut Korea Korea Inst Oriental Medicine	South Korea	Novel quinolone derivatives and an anticoronavirus composition containing the same as an active ingredient
CN 114163522 A 20220311	Chongqing Animal Epidemic Disease Prevention And Control Center	China	Nanometer antibody capable of recognizing porcine pseudorabies virus with high accuracy and sensitivity, preparation method and application
CN 114425053 A 20220503	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Application of compound aprepitant in preparation of medicine for preventing or treating African swine fever
CN 114621321 A 20220614	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	Polypeptides for promoting pig body to generate broad-spectrum immune response and application thereof
CN 114736310 A 20220712	Beijing Centre Biology Co Ltd Beijing Huaxia Xinyang Biological Techn	China	Protein for virus-like particle for porcine circovirus type 2 vaccine, is recombinant protein Cap286W6, where recombinant protein Cap286W6 is protein of one to two hundred twenty position of five thousand eight hundred and ninety eight amino acids
WO 2022139685 A1 20220630	Nat Univ Singapore	Singapore	Artificial antigen-presenting cell
CN 114736308 A 20220712	Wei Y	China	Fusion protein of Coccidiosis antigenic peptide/IL5 or the genetically engineered bacteria for preparing drug for preventing or/and treating livestock coccidial infection, has five hundred and forty one amino acids
US 2022193218 A1 20220623	Vst Llc Dbm Medgene Labs	USA	African swine fever (ASF) virus vaccines

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2022193217 A1 20220623	Us Agriculture	USA	Genomic deletion in african swine fever vaccine allowing efficient growth in stable cell lines
WO 2022127820 A1 20220623	Rongsen Biotechnology Beijing Co Ltd	China	Soluble pathogen-like antigen (PLA) complex comprises virus-like particle (VLP), which is self-assembled from first fusion protein comprising viral capsid protein or its variant useful for preventing or treating African swine fever virus
	Inst Biophysics Cas		
CN 114644714 A 20220621	Lanzhou Veterinary Res Institute Of Chinese Academy Of Agricultural	China	African swine fever virus recombinant fusion protein CPE as well as preparation and application thereof
CN 114292272 A 20220408	Southern Science And Technology Univ	China	Nucleoside compound and application thereof
	Medium Mountain Univ		
WO 2022160015 A1 20220804	Univ Griffith	Australia	Antiviral agents and uses thereof
WO 2022149855 A1 20220714	B2sbio Inc	South Korea	Heteroaryl-ethynyl derivative compound and use thereof
	Voronoi Inc		
US 2022265601 A1 20220825	Heldreth Jr David Alan	USA	Composition used for a. Treating virus, fungi or bacteria illness such as Coronavirus (such as SARS, COVID-19, MERS), HIV, herpes, syphilis, flu virus, swine flu, avian flu, other virus, bacteria or fungi: antibodies-cytokins-proteins-amino acids-DNA-RNA - DNA/RNA to produce antibodies/proteins/amino acids/RNA/DNA
CN 114606250 A 20220610	Univ Jilin Agricultural	China	Recombinant lactic acid bacteria for expressing African swine fever fusion antigen and application thereof
CN 114437159 A 20220506	Budshan Morning Kang Biotechnology Ltd Company	China	Cyclic carbonate nucleoside compound and application thereof
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114657213 A 20220624	Univ South China Agric	China	New porcine acute diarrhea syndrome coronavirus artificial chromosome recombinant vector comprising 14 gene fragments amplified by fragments and cover whole genome sequence of porcine acute diarrhea syndrome coronavirus useful
WO 2022135622 A2 20220630	Ct Ingenieria Genetica Biotecnologia	Cuba	Péptidos para el tratamiento de infecciones respiratorias de origen viral/peptides for the treatment of respiratory infections of viral origin
CN 113832068 A 20211224	Henan Xinghua Biotechnology Co Ltd	China	Streptococcus strain and vaccine for preventing and treating swine streptococcosis
CN 113616784 A 20211109	Shanghai Animal Disease Control Center Shanghai Institute Of Veterinary Drug And Feeds Control Shang	China	Preparation method of immune vaccine for resisting porcine epidemic diarrhea virus variant shxx1902
WO 2022125776 A2 20220616	Siwa Corp	USA	Methods and compositions for treating kidney diseases
US 2022177549 A1 20220609	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in livestock animals and methods of use
WO 2022133420 A1 20220623	Boehringer Ingelheim Animal Health Usa Inc	USA	Boron containing pyrazole compounds, compositions comprising them, methods and uses thereof
	Borah Inc		
WO 2022166468 A1 20220811	Ya Therapeutics Inc	China	Bruton's tyrosine kinase inhibitor and application thereof
WO 2022150818 A1 20220714	Yuvan Res Inc	USA	Anti-aging compositions and uses thereof
WO 2022165242 A1 20220804	Univ California	USA	Method of designing highly regulated lentiviral vectors possessing strict endogenous regulation
WO 2022162204 A1 20220804	Bayer Animal Health Gmbh	Germany	Vaccine composition for breaking self-tolerance

# VT Avicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113980912 A 20220128	Univ Nanjing Agricultural	China	Gene knockout cell line capable of replicating IBV virus QX subtype strain as well as construction method and application of gene knockout cell line
CN 113999797 A 20220201	Tianjin Bofeide Science & Tech Co Ltd	China	Pediococcus acidilactici for improving production performance and immune level of broiler chickens and screening method and application thereof
CN 113736749 A 20211203	Fujian Sunvet Biotechnology Co Ltd	China	Avian influenza virus strain and application thereof
CN 113652406 A 20211116	Qingdao Yebio Bioengineering Co Ltd	China	Chicken infectious laryngotracheitis recombinant virus strain and application thereof
CN 113980838 A 20220128	Anyang Zhongnongda Biotechnology Co Ltd	China	Bacillus subtilis for efficiently and directionally expressing bacteriocin M6 and application thereof
BR 102020022048 A2 20220510	Univ Estadual Paulista Julio De Mesquita Filho	Brazil	Método de microencapsulação de peptídeo sintetizado, composição microencapsulada e seu uso em aves poedeiras
CN 114146169 A 20220308	Foshan Positive Biotechnology Ltd Company	China	Chicken coccidiosis spray-drop immunization carrier composition
CN 114181258 A 20220315	Univ Nanjing	China	Use of nucleoside compound in preparing pharmaceutical composition for antiviral treatment against coronavirus, porcine epidemic diarrhea virus or avian influenza virus

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113621536 A 20211109	Univ South China Agricult	China	Paenibacillus polymyxa SP1 inhibiting bacteria such as Staphylococcus aureus, Escherichia coli, Salmonella typhimurium, Bacillus thuringiensis and Klebsiella pneumoniae
CN 113755368 A 20211207	Univ Fujian Agriculture & Forestry	China	New strain of chicken synostocyst mycoplasma culturing Mycoplasma gallis synovium and preparing Mycoplasma gallis synovium vaccine
CN 113621584 A 20211109	Univ Shandong Agricultural	China	New Staphylococcus aureus bacteriophage s107 in inhibiting Staphylococcus aureus in livestock and poultry
	Dairy Cattle Res Center Of Shandong Academy Of Agricultural Sciences		
CN 113913396 A 20220111	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Artificial recombinant H7N9 influenza virus and preparation method and application thereof
CN 114288403 A 20220408	Zhejiang Hongjiang Biotechnology Co Ltd	China	Newcastle disease and H9 subtype avian influenza bivalent inactivated vaccine containing immunopotentiator as well as preparation method and application of newcastle disease and H9 subtype avian influenza bivalent inactivated vaccine
	Zhejiang Technology Univ		
	Hangzhou Hanggang Biotechnology Co Ltd		
CN 114288404 A 20220408	Zhejiang Hongjiang Biotechnology Co Ltd	China	Immunopotentiator for young poultry, bivalent inactivated vaccine as well as preparation method and application of bivalent inactivated vaccine
	Zhejiang Technology Univ		
	Hangzhou Hanggang Biotechnology Co Ltd		
WO 2022129547 A1 20220623	Univ Copenhagen	Denmark	Nucleic acid vaccines
	Adaptvac Aps		
CN 115057946 A 20220916	Sichuan Acad Medical Sci Sichuan Peoples	China	Use of interferon in interferon fusion protein of expression vector for preparing anti-broad spectrum influenza virus and coronavirus resistant medicine
WO 2022131922 A1 20220623	Univ Utrecht Holding Bv	Netherlands	Cath2 derivatives for stimulating innate immune memory

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 217040799 U 20220726	Jiangsu Weiling Cybernetic Organism Co	China	New fumaric acid tiamulin microcapsule useful for e.g. Livestock and poultry respiratory disease, swine mycoplasma pneumonia, atrophic rhinitis, pig haemophilus parasuis, actinobacillus pleuropneumonia, ileitis, colitis and edema disease
WO 2022129918 A1 20220623	Imperial College Innovations Ltd	United Kingdom	RNA vaccine formulation used in vaccine vial or pre-loaded syringe, to elicit immune response and to treat bacterial or viral infection
CN 114272213 A 20220405	Xiamen Wheatman Animal Pharmacological Co Ltd	China	Florfenicol powder useful for e.g. Treating porcine respiratory syndrome, infectious pleuropneumonia, pneumonia and infectious atrophic rhinitis, comprises florfenicol, beta-cyclodextrin, wetting agent, co-solvent, and anhydrous glucose
CN 114272215 A 20220405	Inner Mongolia Tonrida Biotechnology Co Ltd	China	Dry suspension useful for treating chicken coccidiosis, comprises dinitolmide, filling agent, suspension, disintegrant, lubricant and wetting agent
CN 113913394 A 20220111	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Artificial recombinant H5N6 influenza virus as well as preparation method and application thereof
CN 113736800 A 20211203	China Animal Health And Epidemiology Center	China	Pigeon-derived newcastle disease virus recombinant vaccine strain as well as construction method and application thereof
WO 2022166933 A1 20220811	Univ Shanghai Tech	China	Use of compound, its salt, solvate, salt solvate or its crystal form in preparing anti-coronavirus preparation useful in preparing anti-coronavirus preparation or RNA-dependent RNA polymerase inhibitor for resisting coronavirus
CN 114525287 A 20220524	Foshan Positive Biotechnology Ltd Company	China	Eimeria poisoning SAG20 antigen subunit vaccine as well as preparation method and application thereof



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022162111 A1 20220804	Centre Nat Rech Scient	France	New synthetic sialoside for preventing and/or treating infection due to virus having affinity for sialic acid i.e. Influenza virus H1N1, H3N2 or B strain in equine, porcine or avian influenza virus
	Ecole Normale Superieure Lyon		
	Inst Nat Sante Rech Med		
	Univ Claude Bernard Lyon		
KR 20220109129 A 20220804	Industrial Cooperation Foundation Jeonbuk National Univ	South Korea	Vaccine composition containing novel type of inactivated Salmonella Enteritidis whole cells for preventing or treating salmonellosis
CN 114807061 A 20220729	Univ South China Agric	China	Construction of chicken infectious bronchitis marker vaccine strain involves constructing infectious bronchitis virus-Beaudette virus cDNA recombinant plasmid with A21963G silent mutation and G22170C silent mutation and transfecting cells
CN 114452384 A 20220510	New Country City And Co Animal Pharmaceutical Ltd Company	China	Compound vitamin C preparation for preventing and treating avian influenza and application thereof
CN 114558145 A 20220531	Penwei Qingdao Biopharmaceutical Co Ltd	China	The medicinal adjuvant is useful in injection, preferably ceftiofur injection, ceftazidime aerosol, and chicken Newcastle disease inactivated vaccine
US 2022249518 A1 20220811	Us Health	USA	Inhibiting viral infection in a subject comprises administering an agent to the subject to inhibit the viral infection, where the agent is a competitive antagonist of ouabain binding to ATP1A1
CN 114377127 A 20220422	Tianjin Zhonglii Challenging Biotechnology Co Ltd	China	Triple egg yolk antibody preparation for treating or preventing one disease in infectious bursal disease of chickens, infectious bronchitis, comprises triple egg yolk antibody and stabilizer
WO 2022114835 A1 20220602	Seoul Nat Univ R&Db Foundation	South Korea	New chicken melanoma differentiation associated protein 5 (MDA5) variant e.g. Fusion protein of chicken MDA5 protein and mammalian retinoic acid inducible gene 1 C-terminal domain useful e.g. For inducing resistance to avian influenza

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022148779 A1 20220714	Arbiom Sas	France	Composition useful e.g. For preventing or treating gastrointestinal disorder e.g. Inflammatory bowel disease, Crohn's disease and ulcerative colitis, comprises microorganisms cultivated on or with lignocellulosic hydrolysate
WO 2022167630 A1 20220811	Intervet Int Bv	Netherlands	Use of vaccine comprising non-live antigen of poultry pathogen and mucoadhesive adjuvant, for boosting immune response in poultry animal directed against poultry pathogen by administering vaccine mucosally to poultry animal
	Intervet Inc	USA	
WO 2022136623 A1 20220630	Intervet Int Bv	Netherlands	New recombinant herpes virus of turkeys expressing infectious bursal disease virus viral protein 2 (VP2) gene and newcastle disease virus fusion protein gene inserted in unique short region of genome of rhvt is used as vaccine in poultry
	Intervet Inc	USA	
WO 2022189588 A1 20220915	Nutrition Sciences Nv	Belgium	Pelargonic acid for use against viral infections
CN 114480286 A 20220513	Shanghai Jiishi Biotechnology Co Ltd	China	Preparing serum-free suspension culture type chicken hepatoma (LMH) cell line useful for preparing viral vaccine against e.g. Avian adenovirus
	Aussakang Organism Nantong Stock Ltd Company		
	Gansu Jianshun Biotechnology Co Ltd		
	Jianshun Biotechnology Nantong Ltd Company		
CN 114478776 A 20220513	Tianjin Agricultural College	China	Anti-chicken TLR15 protein polyclonal antibody and preparation method thereof
CN 114507682 A 20220517	South China Agriculture Univ	China	Gene for coding recombinant nlpc/P60 endopeptidase protein used in preparation of antibacterial products for preventing and treating poultry colibacillosis
CN 114681485 A 20220701	Triding Emerging Biotechnology Tianjin Ltd Company	China	Preparation method of transfer factor for resisting avian influenza virus

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114788861 A 20220726	Shandong Sinder Technology Co Ltd	China	Decontaminating Escherichia coli and Salmonella in chicks for preventing early death and respiratory stress reactions, by diluting chicken vaccine with bacteriophage and spraying diluted chicken vaccine in space where chicks are located
CN 114805472 A 20220729	Fujian Fuyu Agric Technology Dev Co Ltd	China	Preparation of chicken bursa of Fabricius capsule used for improving protection effect of chicken vaccine, involves mixing water for injection and crushed chicken bursa, centrifuging, adjusting osmotic pressure and removing bacteria
	Fujian Vocational College Agric		
	Fujian Xingbang Biotechnology Co Ltd		
	Fuzhou Zhongwei Biotechnology Co Ltd Present Fuzhou Bio-Tech Co Ltd		
CN 114588105 A 20220607	Shandong Grazing Animal Pharmacy Co Ltd	China	Decoquinat solution for preventing coccidiosis disease in poultry, comprises specified amount of decoquinat, dimethylacetamide, first filler, second filler, first cosolvent, and second cosolvent
CN 114224833 A 20220325	Foshan Positive Biotechnology Ltd Company	China	Suspending agent useful in preparation of aqueous suspension of coccidiosis vaccine
CN 113957007 A 20220121	Univ Fujian Agriculture & Forestry	China	Chicken mycoplasma synoviae inactivated vaccine
US 2022233564 A1 20220728	Univ South Florida	USA	Ophthalmological formulations for the prevention of a coronavirus infection
CN 114533727 A 20220527	Qingdao Jiishi Biotechnology Co Ltd	China	Composition for inhibiting multiple drug resistance of gram-negative bacteria of poultry and application of composition
	Shandong Xinhoping 6 And Group Ltd Company		
	New Hope 6 And Stock Ltd Company		
CN 114717199 A 20220708	Univ Shandong Agric	China	New virulent Salmonella bacteriophage CKT1 useful for inhibiting or killing group D Salmonella such as Salmonella pullorum, Salmonella typhi or Salmonella enteritidis and preventing or treating group D Salmonella infection in chicken
CN 114524862 A 20220524	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	Construction and application of avian influenza (H5+H7) trivalent DNA vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114836391 A 20220802	Univ Huazhong Agric	China	Method for constructing recombinant T4 phage used in preparation of influenza virus intranasal delivery virus-like particle (VLP) vaccine
CN 114480301 A 20220513	Univ Chinese Agricultural	China	Vaccine for preventing or treating avian viral infections
US 2022265815 A1 20220825	Boehringer Ingelheim Vetmedica Gmbh	Germany	Method of Treating or Preventing Clinical Signs Caused by Infectious Bronchitis Virus with 4/91 IBV Vaccine having Heterologous Spike Protein
CN 114681537 A 20220701	Jujuang City Green Glume Agricultural Product Ltd Company	China	Enzyme for preventing and treating coccidiosis of native chickens
CN 114573708 A 20220603	Plaleio Bioengineering Co Ltd	China	Avibacterium paragallinarum HA fusion protein, tripolymer thereof, prepared vaccine composition, preparation method and application
CN 114835778 A 20220802	Univ South China Agric	China	New H9N2 subtype avian Influenza virus major histocompatibility complex B2 restricted epitope peptide useful for preparing H9N2 subtype avian Influenza virus vaccine
CN 114515274 A 20220520	Xiamen Wheatman Animal Pharmacological Co Ltd	China	Acidified amoxicillin soluble powder as well as preparation method and application thereof
CN 114574452 A 20220603	Univ Yangzhou	China	Method for constructing recombinant Newcastle disease vaccine candidate strain VII-HNF through HN gene translocation and application
CN 114569602 A 20220603	Guangdong Academy Of Agricultural Sciences Inst Of Animal Health	China	Application of hispidulin in preparation of medicine or feed additive with chicken coccidiosis resisting effect
CN 114480433 A 20220513	Foshan Positive Biotechnology Ltd Company	China	Eimeria poisoning subunit vaccine as well as preparation method and application thereof
CN 114591406 A 20220607	Chengdu History Biopharmaceutical Ltd Company	China	Infectious bursal disease virus recombinant VP2 protein and application thereof in vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114732893 A 20220712	Guangdong Acad Agric Sci Animal Health	China	Use of desotamide compound in preparation of medicine or feed additive for preventing chickencoccidiosis, preferably caecal coccidiosis by inhibiting the reproduction of Eimeria
CN 114831976 A 20220802	Henan Senlong Animal Health Prod Co Ltd	China	Use of niclosamide in anti-chicken infectious bronchitis virus medicine, and preventing and treating infectious bronchitis of chickens
CN 114854654 A 20220805	Qingdao Yebio Bioengineering Co Ltd	China	New Salmonella enteritidis attenuated strain useful for preparing attenuated live vaccine or product for preventing and treating diseases in poultry such as chicken, duck, turkey, goose, bantams, quail, pheasants or pigeon
WO 2022133323 A1 20220623	Southern Res Inst	USA	6-aza-nucleoside prodrugs as antiviral agents for treating virus infections
	Univ Oregon Health & Science		
	Univ Washington		
	Board Of Regents Of The Univ Of Texas System And Its Component Institution Univ Of Texas Medical Bra		
KR 20220094908 A 20220706	Korea Res Inst Chemical Tech	South Korea	Novel quinolone derivatives and an anticoronavirus composition containing the same as an active ingredient
	Pasteur Institut Korea		
	Korea Inst Oriental Medicine		
KR 20220108440 A 20220803	Republic Korea Animal & Plant Quarantine Agency	South Korea	Virus like particle of avian influenza virus and vaccine composition comprising the same
	Komipharm Int Co Ltd		
CN 114467855 A 20220513	Guangdong Haida Group Stock Ltd Company	China	Constructing chicken model with the multiple-cause air sacculitis used in study of avian respiratory diseases, involves adopting mycoplasma, Newcastle disease virus and Staphylococcus involves to inoculate into chick model
CN 114736308 A 20220712	Wei Y	China	Fusion protein of Coccidoides antigenic peptide/IL5 or the genetically engineered bacteria for preparing drug for preventing or/and treating livestock coccidial infection, has five hundred and forty one amino acids

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022150709 A1 20220714	Harvard College	USA	Treating a viral infection e.g. Influenza, coronavirus infection and common cold, comprises administering receptor for advanced glycation end-products pathway inhibitor
WO 2022178212 A1 20220825	Layton Sherrill	USA	New vaccine vector comprising first polynucleotide encoding the antigenic polypeptide, useful for enhancing immune response against Apicomplexan parasite
	Hall Jeffrey W		
CN 114292272 A 20220408	Southern Science And Technology Univ	China	Nucleoside compound and application thereof
	Medium Mountain Univ		
WO 2022149058 A1 20220714	Farm Veterinarios Sac	Peru	Recombinant live immunogenic composition comprising newcastle disease virus (ndv) expressing the s1 subunit and the rbd of the spike protein of sars-cov-2
US 2022226394 A1 20220721	Zivo Bioscience Inc	USA	Composition for treating subclinical or clinical coccidiosis in animals including poultry to other animals e.g. Broiler chickens and humans, comprises algal biomass comprising bacteria
WO 2022149855 A1 20220714	B2sbio Inc	South Korea	Heteroaryl-ethynyl derivative compound and use thereof
	Voronoi Inc		
WO 2022122026 A1 20220616	Genesail Shanghai Co Ltd	China	A modified oncolytic virus, composition and use thereof
	Genesailnova Shanghai Co Ltd		
US 2022226398 A1 20220721	Zivo Bioscience Inc	USA	Composition for the treatment of disease in animals through modulation of the toll like receptor pathway, comprises effective amounts of an algal biomass as an ingredient of finished feed, where disease being treated is coccidiosis
US 2022265601 A1 20220825	Heldreth Jr David Alan	USA	Composition used for a. Treating virus, fungi or bacteria illness such as Coronavirus (such as SARS, COVID-19, MERS), HIV, herpes, syphilis, flu virus, swine flu, avian flu, other virus, bacteria or fungi: antibodies-cytokins-proteins-amino acids-DNA-RNA - DNA/RNA to produce antibodies/proteins/amino acids/RNA/DNA

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene
US 2022226292 A1 20220721	Indian Inst Scient	India	Antiviral Applications of Picolinic Acid and its Derivatives
WO 2022135136 A1 20220630	Univ Hong Kong Baptist Univ	China	New aryl-naphthalene glycoside derivatives useful for treating, preventing or delaying progression of viral infection including human immunodeficiency virus, avian influenza A virus, vesicular stomatitis virus, or coronavirus
WO 2022177908 A1 20220825	Toragen Inc	USA	Method for preventing or treating avian bird flu in poultry involves administering pure 2-S rimantadine, pure 2-S rimantadine or its salts
WO 2022169933 A2 20220811	Dupont Nutrition Biosci Aps	Denmark	New pure strain of Lactobacillus reuteri displaying specific sequence similarity to 16S ribosomal RNA sequence of e.g. Lactobacillus reuteri strain s1a, useful for e.g. Inhibiting Escherichia coli in gastrointestinal tract of bird
	Gruber Tanja		
	Frisch Ryan	USA	
	Bendezu Felipe Saxer Quance Gerda		
CN 113755454 A 20211207	Guizhou Firstv Biological Tech Co Ltd	China	8a-type fowl adenovirus strain, inactivated vaccine as well as preparation method and application of 8a-type fowl adenovirus strain
	Guizhou Fumu Biotechnology Res Co Ltd		
CN 114574451 A 20220603	Qingdao Zhongkenaulalan Bioengineering Co Ltd	China	Method for continuously culturing group I fowl adenovirus in bioreactor
CN 114642724 A 20220621	Univ Nanjing Agricultural	China	Preparation method and application of avian adenovirus subunit vaccine
WO 2022162204 A1 20220804	Bayer Animal Health GmbH	Germany	Vaccine composition for breaking self-tolerance



# VT Acuicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113699085 A 20211126	Bohai Aquatic Products Tech Binzhou Co Ltd	China	New antagonistic bacteria ED5 strain i.e. Bacillus infantis useful in preparing medicine for preventing and treating intestinal pathogenic bacteria infection of aquatic animals, preferably fish i.e. Hairtail and goby
	Shandong Univ Research Institute Of Technology		
CN 113717905 A 20211130	Bohai Aquatic Products Tech Binzhou Co Ltd	China	New strain RD4, i.e. Psychrobacter cibarius useful for aquaculture, and preparing medicine for preventing and treating aquatic pathogenic bacteria infection, and positive bacteria of scientific research bacteriostasis test
	Shandong Univ Research Institute Of Technology		
CN 114075519 A 20220222	Guangdong Baishikang Biotechnology Co Ltd	China	Bacillus patriniae and application thereof in prawn culture and medicine preparation
WO 2022118960 A1 20220609	National Univ Corporation Tokai National Higher Education And Research System	Japan	Microbial carrier that carries microorganisms used for preventing disease of fish and shellfish, and purifying industrial wastewater
US 2022218770 A1 20220714	Prairie Aquatech Llc	USA	Feed composition used for preventing, treating providing prophylactic against Acute Hepatopancreatic Necrosis Syndrome/Early Mortality Syndrome caused by Vibrio species in shellfish, comprises fermented agricultural biomass

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114703149 A 20220705	Wuhan Grenon Biotechnology Co Ltd	China	New isolated Vibrio alginolyticus phage GVA-P21 for bacteriostasis, is preserved in number in China Center for Type Culture Collection, and phage has long-term bacteriostasis effect, good prevention and treatment effects on diseases caused by Vibrio alginolyticus in aquaculture
CN 114796208 A 20220729	Univ Shanghai Ocean	China	Use of rapamycin in preparing of medicine for preventing or treating hematopoietic necrosis of crucian carp, where rapamycin inhibits Cyprinid herpesvirus 2 (cyhv-2) virus infection and replication in crucian carp Gibelio caudal fin (gicf) cells, that has inhibited replication of cyhv-2
WO 2022171150 A1 20220818	Tongli Biomedical Co Ltd	China	Anhydrous crystalline form (B) of (R)-praziquantel used in pharmaceutical composition for preventing or treating subjects suffering from parasitic diseases and associated disorders, including inflammation, liver fibrosis and regeneration caused by modulating response of cytokines in subject and aquaculture animals and fishes for the infections caused by parasites.
CN 114522156 A 20220524	Pheutou Univ	China	Use of taurine, in preparation for medicine for increasing crustacean resistance to Vibrio parahaemolyticus and as feed additive of crustacean
KR 20220115048 A 20220817	Gangneung Wonju Nat Univ Ind Acad Coop Group	South Korea	New Vibrio anguillarum RT-BHR strain useful in vaccine composition and feed composition for preventing or treating infection in salmonid fish

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 114854631 A 20220805	Inst Tropical Bioscience & Biotechnology	China	New sponge-derived Streptomyces species strain ITB-BZK-a5 useful for preparing medicine for preventing and treating pathogenic fungi e.g. Fusarium solani and Pyricularia oryzae and/or pathogenic bacteria
CN 114854789 A 20220805	Univ Soochow	China	The vaccine is useful in the preparing of an immunoprophylactic drug for gill hemorrhage of the heterotrophic silver crucian carp
CN 114736282 A 20220712	Chinese Acad Sci Inst Hydrobiology	China	Antibacterial protein used in preparing products for preventing and/or inhibiting Flavobacterium columnare and preparing immune enhancer, comprises histone gch2a-11 having specific amino acids and/or histone gch2a-16 having specific amino acids
CN 114606132 A 20220610	Univ Zhejiang Ocean	China	New strain of Scenedesmus sp. For use in preparation of product for preventing or treating vibriosis in aquaculture, where pathogenic bacteria of vibriosis is Vibrio parahaemolyticus or Vibrio alginolyticus
CN 114774371 A 20220722	Univ China Ocean	China	New Vibrio bacteriophage, preferably Vibrio neocaledonicus phage vb-Vne-09SG01 useful for e.g. Cracking Vibrioneocaledonicus, controlling marine shellfish to deal with infection of Vibrio neocaledonicus, and in aquatic environment
	Weihai Changqing Marine Sci & Technology		

# VT Apicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022192752 A1 20220915	Dalan Animal Health Inc	USA	Immunizing queen bee or passing immunity from be-queen to bee larvae against bacterial disease
CN 114569592 A 20220603	Bee Res Institute Of Chinese Academy Of Agricultural Sciences	China	Application of meclofenamic acid in prevention and treatment of Chinese bee sacbrood



# VTÉquidos

Nº de Publicación	Solicitante	País de origen	Contenido técnico
FR 3120521 A1 20220916	Hemarina	France	Composition useful as medicine e.g. For preventing and/or treating periodontal disease, comprises molecule (e.g. Annelid globin), hydrophilic thickening polymer (e.g. Polymers of natural origin), mannose unit and hyaluronic acid
CN 114231496 A 20220325	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	Salmonella abortus competitive ELISA antibody detection kit and application thereof
WO 2022129918 A1 20220623	Imperial College Innovations Ltd	United Kingdom	RNA vaccine formulation used in vaccine vial or pre-loaded syringe, to elicit immune response and to treat bacterial or viral infection
JP 2022086385 A 20220609	Hamada Yuko Shimada Hideaki	Japan	Composition for virus introduction
WO 2022189588 A1 20220915	Nutrition Sciences Nv	Belgium	Pelargonic acid for use against viral infections
WO 2022135683 A1 20220630	Probiogen Ag	Germany	Use of a birnavirus alone or in combination therapy for the treatment of a disease caused by a nidovirus
WO 2022120207 A1 20220609	Univ Maryland	USA	Broad spectrum antiviral compounds targeting the ski complex
CN 114437235 A 20220506	Harbin Veterinary Res Institute Of Chinese Academy Of Agricultural Sciences Harbin Branch Center Of	China	Recombinant fusion protein of 8 proteins of streptococcus equi subsp.equi as well as preparation method and application of recombinant fusion protein
KR 20220092744 A 20220704	Republic Korea Animal & Plant Quarantine Agency	South Korea	H3N8 Monoclonal Antibody specific for Equine influenza virus H3N8 and Composition for detecting Equine influenza virus using the same

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022133323 A1 20220623	Southern Res Inst	USA	6-aza-nucleoside prodrugs as antiviral agents for treating virus infections
	Univ Oregon Health & Science		
	Univ Washington		
	Board Of Regents Of The Univ Of Texas System And Its Component Institution Univ Of Texas Medical Bra		
WO 2022150485 A1 20220714	Oncorus Inc	USA	Encapsulated rna polynucleotides and methods of use
WO 2022165386 A1 20220804	Virbis Llc	USA	Composition used in pharmaceutical composition for manufacturing medicament for treating virus
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene
WO 2022140354 A1 20220630	Seattle Childrens Hospital Dba Seattle Childrens Res Inst	USA	Artificial antigen-specific immunoregulatory t (airt) cells
	Benaroya Res Institute At Virginia Mason		
WO 2022174179 A1 20220818	Univ Emory	USA	New substituted heterocyclic compounds are vaccines used to treat viral infection
WO 2022164976 A2 20220804	Dartmouth College	USA	Immunostimulatory cytokine combination and therapeutic use thereof
WO 2022129547 A1 20220623	Univ Copenhagen	Denmark	Nucleic acid vaccines
	Adaptvac Aps		
CN 114563574 A 20220531	Chinese Academy Of Sciences Beijing Institute Of Genome Nat Biological Information Center	China	Molecular marker combination and application thereof
WO 2022125776 A2 20220616	Siwa Corp	USA	Methods and compositions for treating kidney diseases
WO 2022155333 A1 20220721	Albert Einstein College Of Medicine	USA	Use of chaperone-mediated autophagy activators for treating or preventing blood cancers and myelodysplastic syndromes
WO 2022159504 A1 20220728	Merit Therapeutics Inc	USA	New deuterated cannabinoid compound used in pharmaceutical composition for preventing or treating disease or disorder
WO 2022159506 A1 20220728	Merit Therapeutics Inc	USA	New deuterated cannabidiol compound used in pharmaceutical composition for preventing or treating disease or disorder

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2022184141 A1 20220616	Mam Holdings Of West Florida L L C	USA	Amniotic fluid formulation for treatment of joint pain or disorders
US 2022177549 A1 20220609	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in livestock animals and methods of use
WO 2022133420 A1 20220623	Boehringer Ingelheim Ani- mal Health Usa Inc	USA	Boron containing pyrazole compounds, compositions comprising them, methods and uses thereof
WO 2022166468 A1 20220811	Ya Therapeutics Inc	China	Bruton's tyrosine kinase in- hibitor and application the- reof
WO 2022162111 A1 20220804	Centre Nat Rech Scient Ecole Normale Superieure Lyon Inst Nat Sante Rech Med Univ Claude Bernard Lyon	France	New synthetic sialoside for preventing and/or treating infection due to virus ha- ving affinity for sialic acid i.e. Influenza virus H1N1, H3N2 or B strain in equine, porcine or avian influenza virus

# VT Mascotas



Nº de Publicación	Solicitante	País de origen	Contenido técnico
<a href="#">RU 2771010 C1</a> <a href="#">20220425</a>	Fed Gosudarstvennoe Biudzhethnoe Obrazovatelnoe Uchrezhdenie Vysshego Obrazovaniia «Stavropolskii Gos	Russian Federation	Drug for treatment of cats with dermatitis of various etiologies
<a href="#">WO 2022129547</a> <a href="#">A1 20220623</a>	Univ Copenhagen Adaptvac Aps	Denmark	Nucleic acid vaccines
<a href="#">WO 2022133420</a> <a href="#">A1 20220623</a>	Boehringer Ingelheim Animal Health Usa Inc Borah Inc	USA	Boron containing pyrazole compounds, compositions comprising them, methods and uses thereof
<a href="#">WO 2022192618</a> <a href="#">A1 20220915</a>	In The Bowl Animal Health Inc	USA	Controlling tick infestation in mammal comprises orally administering spinosyn for efficient time at specified frequency
<a href="#">WO 2022183562</a> <a href="#">A1 20220909</a>	Dongguan Hec Cordyceps R&D Co Ltd	China	Glucocerebroside compound, pharmaceutical composition thereof and use thereof
<a href="#">WO 2022161972</a> <a href="#">A1 20220804</a>	Intervet Int Bv Intervet Inc	Netherlands USA	Antiparasitic compounds
<a href="#">CN 114426956 A</a> <a href="#">20220503</a>	Liaoning Yikang Bio Shares Co Ltd	China	Quadruple inactivated vaccine for rabies, panleucopenia, rhinotracheitis and conjunctivitis of
<a href="#">WO 2022150934</a> <a href="#">A1 20220721</a>	Nanocupper Chile Spa	Chile	Dermopharmaceutical or cosmetic skin repair composition useful for treating and conditions, disorders and pathologies associated with skin
<a href="#">WO 2022162204</a> <a href="#">A1 20220804</a>	Bayer Animal Health GmbH	Germany	Vaccine composition for breaking self-tolerance



<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2022192648 A1 20220915	In The Bowl Animal Health Inc	USA	Methods for controlling flea and tick infestations in a mammal
CN 114470184 A 20220513	Sun Jiawei	China	Veterinary tetanus, canine distemper and rabies combined vaccine
	Zhu Dan		
WO 2022167652 A1 20220811	Cs Medica As	Denmark	Supplement for arthritis and psoriasis
WO 2022159504 A1 20220728	Merit Therapeutics Inc	USA	New deuterated cannabinoid compound used in pharmaceutical composition for preventing or treating disease or disorder
WO 2022166638 A1 20220811	Sunshine Lake Pharma Co Ltd	China	New salt of indole derivative useful in medicament for treating and preventing disease mediated by PGD2 on CRTH2 receptor, preferably asthma, chronic obstructive pulmonary disease, allergic asthma and perennial allergic rhinitis
WO 2022159506 A1 20220728	Merit Therapeutics Inc	USA	New deuterated cannabidiol compound used in pharmaceutical composition for preventing or treating disease or disorder
WO 2022119061 A1 20220609	Nat Univ Chungbuk Ind Acad Coop Found	South Korea	Immortalized feline stem cells or use thereof
	Designed Cells Co Ltd		
WO 2022150868 A1 20220721	Univ Of Newcastle	Australia	Compositions and methods of using nanopharmaceuticals for the sterilization of cats and dogs
WO 2022150869 A1 20220721	Univ Of Newcastle	Australia	Compositions and methods of using nanopharmaceuticals for the sterilization of cats and dogs
WO 2022150485 A1 20220714	Oncorus Inc	USA	Encapsulated rna polynucleotides and methods of use
WO 2022150878 A1 20220721	Univ Of Newcastle	Australia	Compositions and methods of using targeting peptides and nanopharmaceuticals for the sterilization of cats and dogs
WO 2022147076 A1 20220707	Manus Bio Inc	USA	Insect repellent compositions
CN 114437159 A 20220506	Budshan Morning Kang Biotechnology Ltd Company	China	Cyclic carbonate nucleoside compound and application thereof
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022165067 A2 20220804	Zoetis Services Llc	USA	Mutations in canine antibody constant regions
CN 114563574 A 20220531	Chinese Academy Of Sciences Beijing Institute Of Genome Nat Biological Information Center	China	Molecular marker combination and application thereof
WO 2022125776 A2 20220616	Siwa Corp	USA	Methods and compositions for treating kidney diseases
US 2022184141 A1 20220616	Mam Holdings Of West Florida L L C	USA	Amniotic fluid formulation for treatment of joint pain or disorders
WO 2022166468 A1 20220811	Ya Therapeutics Inc	China	Bruton's tyrosine kinase inhibitor and application thereof
WO 2022174384 A1 20220825	Mitobridge Inc	USA	New phosphate salt of 2-(1,3-benzoxazol-2-yl) amino-N-2-(2-hydroxyethoxy) ethyl-1-methyl-1H-benzimidazole-5-carboxamide compound used in pharmaceutical composition for treating fibrotic disease and cancer
WO 2022133588 A1 20220630	Univ Alberta	Canada	Rna virus inhibitor compounds and uses thereof
CN 114835804 A 20220802	Anhui Zhongqi Biotechnology Co Ltd	China	Use of feline enteric coronavirus S protein yolk antibody in preparation of medicine for treating feline infectious peritonitis and symptomatic feline infectious peritonitis type I and type II infections

# VTVarios



Nº de Publicación	Solicitante	País de origen	Contenido técnico
ES 2919723 A1 20220727	Bio Logic Crop Science S L	Spain	Composition useful for disinfecting e.g. Adeno-associated virus, and Aichi virus
WO 2022167497 A1 20220811	Acm Biolabs Pte Ltd	Singapore	Sole use of polymersome associated adjuvant for stimulating an immune response
WO 2022133587 A1 20220630	Zentek Ltd	Canada	Graphene oxide-cationic silver nanocomposites and their use as broad-spectrum antimicrobial agents
WO 2022147499 A1 20220707	Neurobo Pharmaceuticals Inc	USA	Method of treating viral infections with a combination of niclosamide and gemcabene
JP 2022117326 A 20220810	Tokai Nat Higher Education & Res System	Japan	New phosphorus-containing compound used for medicine or reagent such as anticancer agent and antiviral agent
MY 177159 A 20200908	Univ Putra Malaysia	Malaysia	New bacterial polypeptide of glutamate dehydrogenase for producing Pasteurella vaccine
WO 2022177032 A1 20220825	Purec Co Ltd	Japan	Pharmaceutical composition for treating bone diseases
WO 2022182863 A1 20220901	Univ Massachusetts	USA	Inducible single aav system and uses thereof
CN 114668782 A 20220628	Tumor Prevention And Treatment Center Of Zhongshan Univ Subsidiary Tumor Hospital Of Zhongshan Univ	China	Application of inactive whole-cell bacteria in tumor treatment

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022162539 A1 20220804	Univ Pretoria	South Africa	The immunogen is used for vaccine, and preparing medicine to regulate release of hormones in vertebrate by modulation of reproductive hormones, reducing fertility in vertebrate and to treat hormone-dependent diseases
WO 2022155814 A1 20220728	Argorna Pharmaceuticals Ltd	China	New dimethylheptane compound used in pharmaceutical composition for detecting or localizing RNA in liver of subject and treating and preventing pathological conditions or diseases
WO 2022129547 A1 20220623	South China Science Univ	China	RNA replicon for improving gene expression and application thereof
US 2022280634 A1 20220908	Longhorn Vaccines & Diagnostics Llc	USA	Vaccines for the Treatment and Prevention of Zoonotic Infections

# Noticias



## Lanzamiento nuevo podcast "Marchamos"

El podcast "Marchamos" es un nuevo proyecto en el que se ha embarcado la Oficina Española de Patentes y Marcas, O.A. (OEPM) en el marco de la celebración del trigésimo aniversario de su denominación

+ MÁS



## Consulta pública sobre el Plan Nacional e Integral de lucha contra la venta de productos falsificados y para la observancia de los derechos de propiedad industrial 2023-2026

La Oficina Española de Patentes y Marcas, O.A. (OEPM) ha abierto el plazo de consulta pública sobre el Plan Nacional e Integral de lucha contra la venta de productos falsificados y para la observancia de los derechos de propiedad industrial 2023-2026.

+ MÁS



## Presentación de solicitudes de patentes que contengan listas de secuencias de nucleótidos y aminoácidos de acuerdo con la Norma ST.26 de la OMPI

La Asamblea General de Organización Mundial de la Propiedad Intelectual (OMPI) aprobó que la fecha de transición generalizada a la Norma ST.26 de la OMPI en solicitudes de patentes quedaba establecida en el día 1 de julio de 2022.

+ MÁS



## Estudio sobre Inteligencia Artificial y la defensa de los derechos de Propiedad Industrial

El Centro de Estudios de la Asociación para la Defensa de la Marca (Andema) y la Oficina Española de Patentes y Marcas, O.A. (OEPM), presentaron el pasado 22 de septiembre el primer estudio elaborado en España que analiza las aplicaciones de la inteligencia artificial en la defensa de las marcas y de los derechos de Propiedad Industrial.

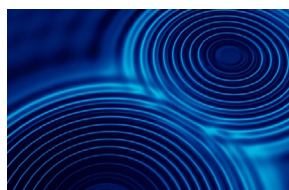
+ MÁS



## Clausura del proyecto de hermanamiento (Twinning) con la Oficina de Patentes de Egipto

La Oficina Española de Patentes y Marcas, O.A. (OEPM) está muy comprometida con la cooperación con otros países y en concreto con otras oficinas nacionales de propiedad industrial.

+ MÁS



## Encuentro de las comisiones consultivas de la Cámara de Comercio de España con el Presidente de la Oficina Europea de Patentes

Durante el mes de septiembre el Presidente de la Oficina Europea de Patentes (EPO, por sus siglas en inglés), Antonio Campinos realizó una visita institucional a España, a lo largo de la cual tuvieron lugar diferentes actos y eventos.

+ MÁS



## Primer informe de seguimiento del Plan Operativo Anual 2022

La Oficina Española de Patentes y Marcas, O.A. (OEPM) continúa trabajando en el Plan Operativo Anual 2022 (POA 2022) de su Plan Estratégico 2021-2024.

+ MÁS



## Nueva directora de la OEPM

El pasado 4 de octubre el Consejo de Ministros nombró a Aida Fernández González Directora de la Oficina Española de Patentes y Marcas, O.A. (OEPM).

+ MÁS

# Noticias



## Celebrada con éxito la XIII Conferencia Anual de Vet+i bajo el lema 'España-Europa. Una Unión en Sanidad Animal'

Se reunieron más de 100 expertos de diferentes ramas del sector, entre los que se encuentran la administración, los centros de investigación, universidades españolas, industria, veterinarios y sector ganadero.

+ MÁS



## Vet+i firma un acuerdo con la Fundación Española para la Ciencia y la Tecnología (FECYT)

La Fundación Vet+i participa por primera vez en el Consejo de Fundaciones por la Ciencia de FECYT junto con más de 65 Fundaciones vinculadas a la ciencia, tecnología e innovación en España.

+ MÁS



## Más de 370 solicitudes de patentes procedentes de todo el mundo en el Boletín de Vigilancia Tecnológica número 46 de Sanidad Animal

Novedades en patentes relativas a Leishmania, Peste Porcina, Mastitis, Circovirus y en muchas otras enfermedades animales en el BVT del segundo trimestre de 2022, en formato pdf, para todos los interesados.

+ MÁS



## Los animales silvestres representados en un grupo de trabajo de Vet+i

Un representante de la Asociación Ibérica de Zoos y Acuarios (AIZA) entra a formar parte como vocal-coordinador del Grupo de trabajo 1 de la Fundación Vet+i en el subgrupo de "Especies silvestres".

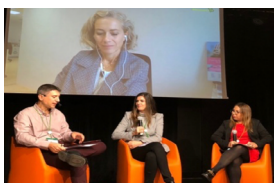
+ MÁS



## Actividades ligadas al uso Responsable de Medicamentos Veterinarios comentadas en la última reunión de EPRUMA

Vetresponsible, iniciativa española para impulsar el uso responsable de medicamentos veterinarios, incluidos los antibióticos, participa de nuevo en la última reunión de EPRUMA

+ MÁS



## Vet+i participa en una mesa redonda de One health, salud humana y animal en BioComunica 2022

María Jaureguizar, Directora Gerente de la Fundación Vet+i, participó en la mesa redonda junto a Sofía Garro de ASEBIO, Beatriz Díaz del Grupo Zental y Miguel Ángel Llamas de ComunicaBiotec.

+ MÁS



## Vet+i participa en la undécima reunión del Comité de Disponibilidad de Medicamentos de la AEMPS

Durante la sesión, la Fundación presentó las actividades que se han llevado a cabo en materia de Disponibilidad de Medicamentos Veterinarios en especies menores y participó activamente en la revisión de las aportaciones sobre vacíos terapéuticos y necesidades que se han recibido a lo largo de 2022.

+ MÁS



## Nueva versión publicada del 'Informe de vacíos terapéuticos y otras necesidades prioritarias' del Comité de Disponibilidad de Medicamentos Veterinarios de la AEMPS

Vet+i, en su labor como miembro del Comité, ha contribuido a la actualización de este documento a través de la recopilación de comentarios de expertos de cada especie animal.

+ MÁS





Fundación  
**Vet+i**

C/ San Agustín 15, 1º Dcha  
28014 Madrid

Tlfno: (+34) 91 088 31 22

[secretaria@vetmasi.es](mailto:secretaria@vetmasi.es)

[www.vetmasi.es](http://www.vetmasi.es)

