

# VT

# SANIDAD ANIMAL

# 50

## Vigilancia Tecnológica 2º trimestre 2023



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

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

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

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

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

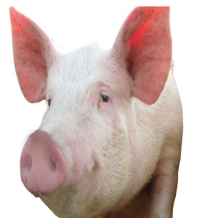
## Contenido



Bovino



Ovino y  
Caprino



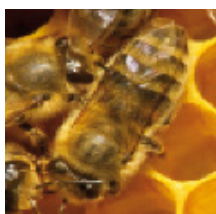
Porcino



Avicultura



Acuicultura



Apicultura



Équidos



Mascotas



Varios

# VT Bovino



Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023062182 A1 20230420	Aquilon Cyl S L	Spain	Vaccine compositions against bovine viral diarrhea virus
CN 115896041 A 20230404	Univ Huazhong Agric	China	New broad-spectrum lytic bacteriophage strain useful for preparation of medicine for controlling Salmonella and/or Escherichia coli infection in feed or drinking water, and breeding animal
WO 2023096766 A1 20230601	Chen Dalu	USA	Method of preventing and treating viral infections in animals, involves inhibiting viral entry protein-to-cellular receptor interaction in an animal
	Malcolm Thomas		
CN 116036012 A 20230502	(Ring-N) Ringpu (Tianjin) Biomedical Co Ltd	China	Medicated bath liquid is used for preventing dairy cow mastitis
CN 115920024 A 20230407	Qilu Animal Health Prod Co Ltd	China	Inactivated vaccine used for infectious bovine rhinotracheitis of cattle
WO 2023095075 A1 20230601	Craniomed Group Srl/Bi-saccia Domenico	Italy	Combination of one or more antibiotics of the ansamycin class with one or more other antibiotics for the prevention and treatment of coronavirus-caused infections, related diseases and clinical effects caused by toxins product after viral infection
US 2023165248 A1 20230601	Jeneil Biosurfactant Co Llc	USA	Antimicrobial composition used for preventing and treating patient with microbial infection against Mycobacterium tuberculosis and nasal infections
WO 2023085882 A1 20230519	Genexine Inc	South Korea	Administration therapy of interleukin-7 fusion protein for treatment or prevention of coronavirus infectious disease

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 116036101 A 20230502	Inst Animal Sci Guang-dong Prov Acad Agri	China	Trehalose used for preparing drugs for improving sensitivity of drug resistant bacteria to gentamicin and anti-infection ability of poultry and livestock against gentamicin-resistant bacteria
WO 2023077030 A1 20230504	Gilead Sciences Inc	USA	New phosphate-based compound used for pharmaceutical composition for treating cancer in mammals
CN 116023448 A 20230428	Chongqing Acad Animal Sci	China	The bovine-derived murine anti-OMP25 tandem epitope protein antibody is useful in preparing medicine for preventing and/or treating brucellosis
CN 116077622 A 20230509	Chinese Acad Agric Sci Feed Res Inst	China	Medicated bath coating agent used in preparation of composition for preventing and treating dairy cow mastitis caused by Staphylococcus aureus, Staphylococcus epidermidis, Streptococcus dysgalactiae and Streptococcusagalactiae
US 2023111947 A1 20230413	Curemark Llc	USA	Methods of prophylaxis of coronavirus infection and treatment of coronaviruses
EP 4166002 A1 20230419	Evonik Operations Gmbh	Germany	Microbial preparations containing specific cryoprotectants
CN 116041547 A 20230502	Lanzhou Veterinary Res Inst China Agric	China	New O-type foot-and-mouth disease virus multi-epitope virus-like particle antigen is used for preparing O-type foot-and-mouth disease multi-epitope virus-like particle vaccine for preventing O-type foot-and-mouth disease
CN 116042491 A 20230502	Fujian Health College Guangdong Rongda Biology Co Ltd	China	Microecological preparation used as anti-oxidant product in microorganism culture medium, feed for inhibiting Escherichia coli, and protease, producing amylase, and lipase, and preparing product for improving animal gastrointestinal tract function, comprises Ligilactobacillus salivarius strain LS11

Número de publicación	Solicitante	País de origen	Contenido técnico
US 2023125341 A1 20230427	Carbon Tech Holdings Llc	USA	An antimicrobial for reducing methane from enteric fermentation and increasing animal health and nutrition
KR 20230049910 A 20230414	Seoul Nat Univ R&Db Foundation	South Korea	Pharmaceutical composition and food composition useful for preventing or treating diseases and symptoms caused by coronavirus infection
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA
CN 116059246 A 20230505	Hangzhou S-Evans Biosci- ences Co Ltd	China	Mesenchymal stem cells and AMP used in the preparation of a product for intervening atopical dermatitis
CN 116077509 A 20230509	Hubei Acad Agric Sci Ani- mal Husbandry	China	Composition used in preparing drug for treating or preventing bacterial infection caused by S. Suis, E. Coli, H. Parasuis, or A. Pleuropneumoniae, and in food processing and livestock breeding application
CN 115838647 A 20230324	Beijing Crvab Bio Tech Co Ltd	China	Composite microecological preparation for preventing and treating bovine mastitis and application thereof
CN 116023479 A 20230428	Univ Shihezi Xinjiang Fangmu Biotech- nology Co Ltd	China	New bovine viral diarrhea virus E0 nano antibody comprising specific amino acid sequence
CN 115992084 A 20230421	Univ Jilin Agric	China	The recombinant lactic acid bacterium is useful for preventing bovine endometritis
CN 115851831 A 20230328	Pu Like Bio Eng Co Ltd	China	Method for constructing Chinese hamster ovary (CHO) cell expressing a foreign protein that is used in vaccine composition
KR 20230075625 A 20230531	Korea Atomic Energy Res Inst Ctc Bag Co Ltd	South Korea	I m m u n o g e n i c recombinant protein of Streptococcus suis and immunogenic composition comprising the same
WO 2023092189 A1 20230601	Western Sydney Local Health District  Westmead Medical Res Inst	Australia	The recombinant plasmid for plasmid curing in a population of bacteria to reduce the prevalence of a plasmid conferring a trait of interest

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 116063572 A 20230505	Jinhe Youben Biological Prod Co Ltd	China	Fusion protein for expressing bovine viral diarrhea virus E2 protein and bovine respiratory syncytial virus F protein simultaneously, and Chinese hamster ovary (CHO) cells, insect cells, and preparing dual subunit vaccine for bovine viral diarrhea and bovine respiratory syncytial virus disease
CN 115869392 A 20230331	Inner Mongolia Huaxi Bio-technology Co Ltd	China	Bovine viral diarrhea virus, infectious rhinotracheitis virus, parainfluenza virus type 3 and mycoplasma quadruple inactivated vaccine
CN 115845038 A 20230328	Yibin Vocational & Technical College	China	Inhibitor for inhibiting virus replication and cancer cell proliferation
US 2023119141 A1 20230420	Phyto Tech Corp	USA	Uses of taxifolin for respiratory health
CN 115873768 A 20230331	Wuhan Keyuan Biological Dev Co Ltd	China	Microbial compound preparation, preparation method and application
CN 115873888 A 20230331	Pu Like Bio Eng Co Ltd	China	Subunit vaccine in the form of solution for injection, suspension for injection or powder for injection or medicine for preventing Echinococcus infection in cattle and sheep
WO 2023070223 A1 20230504	Univ Alberta	Canada	Synthetic glycoconjugate vaccine prototype against streptococcus suis
	Univ Montreal		
CN 115851616 A 20230328	Jiangxi Zhengbang Agric Sci Acad	China	Inactivated vaccine for preventing porcine circovirus type 2, swine fever virus, porcine pseudorabies virus and Mycoplasma hyopneumoniae
	Jiangxi Zhengbang Technology Co Ltd		
CN 115844883 A 20230328	Henan Academy Agricultural Sci	China	Method for inhibiting in-vitro infection of porcine epidemic diarrhea virus by using tetrabromobenzotriazole and application of tetrabromobenzotriazole
WO 2023064368 A1 20230420	Univ Georgia State Res Found	USA	Novel rhodanine derivatives and uses thereof

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023069655 A1 20230427	Hope City	USA	Method for treating or preventing a graft-versus-host disease (GVHD), increasing gut biodiversity or improving clinical outcome of a subject undergoing allogeneic hematopoietic stem cell transplantation, involves administering Clostridium butyricum to the subject
WO 2023066229 A2 20230427	Boehringer Ingelheim Vet-medica China Co Ltd	China	The recombinant CSFV E2 protein, the recombinant nucleic acid, the vector and/or the recombinant CSFV are useful in an immunogenic composition which is a vaccine e.g. As a marker vaccine or differentiation between infected and vaccinated animals (DIVA) vaccine and preventing and/or treating diseases associated with CSFV in an animal
JP 7253677 B1 20230407	Tsukamoto K	Japan	Producing cows for raising clean female cows uninfected with bovine leukemia virus, by measuring bovine leukemia virus antibody and virus gene, selecting mother cows from cows inseminated with female sperm, determining cows with sperm, and artificially inseminating mother cow with sperm
CN 115919842 A 20230407	Acad Military Medical Sci Pla	China	The potassium dehydroandrographolide succinate or its derivatives is used in preparing products for preventing, improving or treating diseases caused by Clostridium perfringens infection
CN 116036061 A 20230502	Acad Military Medical Sci Pla	China	Potassium acetohexamide or its derivatives for preventing, improving or treating diseases caused by Clostridium perfringens infection





# Ovino y Caprino



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115896041 A 20230404	Univ Huazhong Agric	China	New broad-spectrum lytic bacteriophage strain useful for preparation of medicine for controlling Salmonella and/or Escherichia coli infection in feed or drinking water, and breeding animal
CN 115894677 A 20230404	Huzhou Shenke Biotechnology Co Ltd	China	The anti-HCP antibody combination is useful in kit for preparing a diagnostic agent for detecting HCP
WO 2023096766 A1 20230601	Chen Dalu	USA	Method of preventing and treating viral infections in animals, involves inhibiting viral entry protein-to-cellular receptor interaction in an animal
	Malcolm Thomas		
US 2023165248 A1 20230601	Jeneil Biosurfactant Co Llc	USA	Antimicrobial composition used for preventing and treating patient with microbial infection against
US 2023158139 A1 20230525	Univ Colorado State Res Found	USA	Compositions and methods for enhancing innate immunity in a subject for the treatment of or reducing the onset of a health condition
CN 116036101 A 20230502	Inst Animal Sci Guangdong Prov Acad Agri	China	Trehalose used for preparing drugs for improving sensitivity of drug resistant bacteria to gentamicin and anti-infection ability of poultry and livestock against gentamicin-resistant bacteria
WO 2023057181 A1 20230413	Statens Seruminstitut	Denmark	Composition for preventing or treating autoimmune diseases
CN 116023448 A 20230428	Chongqing Acad Animal Sci	China	The bovine-derived murine anti-OMP25 tandem epitope protein antibody is useful in preparing medicine for preventing and/or treating brucellosis

Número de publicación	Solicitante	País de origen	Contenido técnico
EP 4166002 A1 20230419	Evonik Operations Gmbh	Germany	Microbial preparations containing specific cryoprotectants
CN 116041547 A 20230502	Lanzhou Veterinary Res Inst China Agric	China	New O-type foot-and-mouth disease virus multi-epitope virus-like particle antigen is used for preparing O-type foot-and-mouth disease multi-epitope virus-like particle vaccine for preventing O-type foot-and-mouth disease
CN 116042491 A 20230502	Fujian Health College Guangdong Rongda Biolog- y Co Ltd	China	Microecological preparation used as anti-oxidant product in microorganism culture medium, feed for inhibiting Escherichia coli, and protease, producing amylase, and lipase, and preparing product for improving animal gastrointestinal tract function, comprises <i>Ligilactobacillus salivarius</i> strain LS11
US 2023125341 A1 20230427	Carbon Tech Holdings Llc	USA	An antimicrobial for reducing methane from enteric fermentation and increasing animal health and nutrition
CN 115998777 A 20230425	By-Health Co Ltd	China	Use of <i>Lactobacillus paracasei</i> or its progeny, or composition comprising <i>Lactobacillus paracasei</i> or its progeny, for preparation of medicine or food for maintaining and/or improving gastrointestinal health or preventing and/or treating disease
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used in pharmaceutical composition for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA
CN 116077509 A 20230509	Hubei Acad Agric Sci Ani- mal Husbandry	China	Composition used in preparing drug for treating or preventing bacterial infection caused by <i>S. Suis</i> , <i>E. Coli</i> , <i>H. Parasuis</i> , or <i>A. Pleuropneumoniae</i> , and in food processing and livestock breeding application



Número de publicación	Solicitante	País de origen	Contenido técnico
<a href="#">KR 20230075625 A 20230531</a>	Korea Atomic Energy Res Inst Ctc Bag Co Ltd	South Korea	New recombinant protein comprising HP0197, Fnb, Sao, C5a peptidase, and suilysin, useful in immunogenic composition for preventing diseases caused by Streptococcus suis, and immunizing non-human animal through vaccination
<a href="#">WO 2023092189 A1 20230601</a>	Western Sydney Local Health District	Australia	The recombinant plasmid for plasmid curing in a population of bacteria to reduce the prevalence of a plasmid conferring a trait of interest
	Westmead Medical Res Inst		
<a href="#">CN 115873768 A 20230331</a>	Wuhan Keyuan Biological Dev Co Ltd	China	Microbial compound preparation, preparation method and application
<a href="#">CN 115873888 A 20230331</a>	Pu Like Bio Eng Co Ltd	China	Subunit vaccine in the form of solution for injection, suspension for injection or powder for injection or medicine for preventing Echinococcus infection in cattle and sheep
<a href="#">WO 2023070223 A1 20230504</a>	Univ Alberta	Canada	Synthetic glycoconjugate vaccine prototype against Streptococcus suis
	Univ Montreal		
<a href="#">CN 115851616 A 20230328</a>	Jiangxi Zhengbang Agric Sci Acad	China	Inactivated vaccine for preventing porcine circovirus type 2, swine fever virus, porcine pseudorabies virus and Mycoplasma hyopneumoniae
	Jiangxi Zhengbang Technology Co Ltd		
<a href="#">US 2023149510 A1 20230518</a>	Lovin Biomed Co Ltd	Taiwan	Method for alleviating arthritis using epidermal growth factor
<a href="#">WO 2023067203 A2 20230427</a>	Nat Univ Ireland Maynooth	Ireland	Anti-inflammatory agent in preventing or treating inflammatory disease
<a href="#">WO 2023066229 A2 20230427</a>	Boehringer Ingelheim Vet-medica China Co Ltd	China	The recombinant CSFV E2 protein, the recombinant nucleic acid, the vector and/or the recombinant CSFV are useful in an immunogenic composition which is a vaccine e.g. As a marker vaccine or differentiation between infected and vaccinated animals (DIVA) vaccine and preventing and/or treating diseases associated with CSFV in an animal

# VT Porcino



Número de publicación	Solicitante	País de origen	Contenido técnico
ES 2941090 A1 20230516	Consejo Superior Investigaciones Científicas Fundación Investigación Biomedica Hospit	Spain	Compounds derived from phenylhydrazides as antiviral agents
ZA 202202608 B 20220629	Inst Animal Health Guangdong Academy Agricultural Sciences	China	A novel adjuvant cpg-odn bivalent inactivated vaccine against streptococcus suis type 2 + 9 and its preparation method
CN 115925640 A 20230407	Acad Military Medical Sci Pla	China	Medicine for preventing and/or treating diseases caused by virus infection including e.g. Foot-and-mouth disease, and preparing virus inhibitors or medicines for inhibiting virus replication or reproduction in cells
CN 115894670 A 20230404	Jiangsu Dongkang Biomedicine Technology	China	Specific antibody is useful for preparation of product for detection or auxiliary detection of African swine fever virus, diagnosis or auxiliary diagnosis of African swine fever virus infectious disease and detection of African swine fever virus CD2v protein, and medicine for treating African swine fever virus infectious disease
CN 115887459 A 20230404	Univ Nanjing Agric	China	Cepharanthine used for preparing medicine in treating African swine fever virus as genotype II African swine fever virus
CN 115925887 A 20230407	Univ Huazhong Agric	China	The monoclonal antibody of African swine fever virus pa104r protein has B cell antigen epitope exhibiting excellent potential, and provides a new way for preparing anti-African swine fever virus medicine

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115896041 A 20230404	Univ Huazhong Agric	China	New broad-spectrum lytic bacteriophage strain useful for preparation of medicine for controlling Salmonella and/or Escherichia coli infection in feed or drinking water, and breeding animal
CN 115887683 A 20230404	Univ Changchun Traditional Chinese Medic	China	DNA tetrahedron for use in anti-swine fever virus
CN 115920026 A 20230407	Univ Sun Yat-Sen	China	Heat-resistant multimeric protein scaffold used for preparing various vaccine antigens and adjuvant used for preparing vaccine having thermal stability and enhanced antigen immunogenicity
CN 115894718 A 20230404	Shanghai Veterinary Inst Chinese Acad Ag	China	New antigenic epitope peptide of African swine fever virus useful in preparing medicine for detection, treating and preventing African swine fever virus
CN 115925990 A 20230407	Univ Northeast Agric	China	Antimicrobial peptide used in preparing medicine for treating gram-positive or gram-negative bacteria infectious disease
WO 2023096766 A1 20230601	Chen Dalu	USA	Method of preventing and treating viral infections in animals, involves inhibiting viral entry protein-to-cellular receptor interaction in an animal
	Malcom Thomas		
EP 4162932 A1 20230412	Hhv Hallertauer	Germany	Use of composition comprises xanthohumol for preventing or treating coronavirus infection
KR 20230054297 A 20230424	Inc Bosonbioscience	South Korea	Composition for preventing or suppressing infection of virus comprising Sea Buckthorn extract or fraction
WO 2023095075 A1 20230601	Craniomed Group S R Lbisaccia Domenico/ Bisaccia Domenico	Italy	Combination of one or more antibiotics of the ansamycin class with one or more other antibiotics for the prevention and treatment of coronavirus-caused infections, related diseases and clinical effects caused by toxins product after viral infection

Número de publicación	Solicitante	País de origen	Contenido técnico
<a href="#">CN 116082466 A</a> <a href="#">20230509</a>	Univ Zhengzhou Henan Zhongzhe Biological Eng Co Ltd	China	New African swine fever virus cluster of differentiation-2-like (CD2V) epitope peptide comprising amino acid sequence, useful in preparation of medicines for preventing and/or treating African swine fever, and immunoassay reagent or kit
<a href="#">CN 115887633 A</a> <a href="#">20230404</a>	Jiangsu Agric Sci Inst	China	Porcine deltacoronavirus (pdcov) subunit vaccine useful for preventing porcine deltacoronavirus infection, comprises recombinant pdcov-S protein and recombinant pdcov-binding domain protein
<a href="#">US 2023165248 A1</a> <a href="#">20230601</a>	Jeneil Biosurfactant Co Llc	USA	Antimicrobial composition used for preventing and treating patient with microbial infection against
<a href="#">KR 20230077852 A</a> <a href="#">20230602</a>	Choong Ang Vaccine Lab	South Korea	A cell line for culturing african swine fever virus and vaccine using the same
<a href="#">EP 4162948 A1</a> <a href="#">20230412</a>	Genclis	France	New chimeric immunogen comprising antigen(s) or fragment(s), covalently coupled to transcription infidelity segments, used e.g. To treat e.g. Viral disease, bacterial disease, parasite disease, autoimmune disease, and endometriosis
<a href="#">WO 2023085882 A1</a> <a href="#">20230519</a>	Genexine Inc	South Korea	Administration therapy of interleukin-7 fusion protein for treatment or prevention of coronavirus infectious disease
<a href="#">CN 116003617 A</a> <a href="#">20230425</a>	Chinese Acad Agric Sci Shanghai Veterina	China	New nanoantibody AP54-27 capable of distinguishing chimeric vaccine rprsv-p54, wild type African swine fever virus, and wild type porcine reproductive and respiratory syndrome virus
<a href="#">WO 2023090556 A1</a> <a href="#">20230525</a>	Innovac Co	South Korea	New nucleic acid encoding recombinant porcine circovirus type 2 protein, in vaccine composition for preventing or treating infectious disease

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115992100 A 20230421	Univ Yangzhou	China	Strain of NADC34-like porcine reproductive and respiratory syndrome virus used for preventing and controlling PRRSV epidemic.
CN 116036101 A 20230502	Inst Animal Sci Guangdong Prov Acad Agri	China	Trehalose used for preparing drugs for improving sensitivity of drug resistant bacteria to gentamicin and anti-infection ability of poultry and livestock against gentamicin-resistant bacteria
DE 102021211804 A1 20230420	Bernhard H	Germany	Use of substance comprising tibolone, tibolol, tibolone-delta 4-isomer, 3-hydroxy-tibolone-delta 4-isomer and isomer esterified analogs attached to hydroxyl groups of tibolone, for therapeutic and prophylactic treatment of pruritus in human and mammal including dog, cat, horse and livestock
	Christian M		
	Hank B		
	Mueller C		
	Wieland H		
	Wolfgang V		
CN 116019905 A 20230428	Pulike Biological Eng Inc	China	African swine fever virus subunit vaccine composition is used for preparing medicine for preventing African swine fever virus infection
CN 116004551 A 20230425	Shanghai Veterinary Inst Chinese Acad Ag	China	New porcine reproductive and respiratory syndrome virus (PRRSV) that regulates class II, major histocompatibility complex, transactivator (CIITA) molecules useful for treating or preventing PRRS
CN 116083274 A 20230509	New Hope Liuhe Co Ltd Sichuan New Hope Animal	China	New <i>Pediococcus acidilactici</i> strain NHB-paa4 useful as antibacterial agent and e.g. Preparation of immune prevention composition of <i>Salmonella</i> infected animal and medicine for e.g. Preventing or treating diarrhea in animal
	Husbandry Sci Chengdu Century Investment Co Ltd		
	Chengdu Fenglan Technology Co Ltd		
US 2023111947 A1 20230413	Curemark Llc	USA	Methods of prophylaxis of coronavirus infection and treatment of coronaviruses

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 116041547 A 20230502	Lanzhou Veterinary Res Inst China Agric	China	New O-type foot-and-mouth disease virus multi-epitope virus-like particle antigen is used for preparing O-type foot-and-mouth disease multi-epitope virus-like particle vaccine for preventing O-type foot-and-mouth disease
CN 116042491 A 20230502	Fujian Health College Guangdong Rongda Biology Co Ltd	China	Microecological preparation used as anti-oxidant product in microorganism culture medium, feed for inhibiting Escherichia coli, and protease, producing amylase, and lipase, and preparing product for improving animal gastrointestinal tract function, comprises <i>Ligilactobacillus salivarius</i> strain LS11
CN 116083273 A 20230509	New Hope Liuhe Co Ltd Sichuan New Hope Animal	China	New <i>Lactobacillus plantarum</i> NHE-lpe15 strain useful for preparing ecological formulation or medicine for preventing Salmonella infection, broad-spectrum bactericide, <i>Micropterus salmoides</i> feed and liquid fermented feed
	Husbandry Sci Chengdu Century Investment Co Ltd		
	Chengdu Fenglan Technology Co Ltd		
CN 115944634 A 20230411	Lanzhou Veterinary Res Inst China Agric	China	Porcine reproductive and respiratory syndrome virus inhibitor.
US 2023125341 A1 20230427	Carbon Tech Holdings Llc	USA	An antimicrobial for reducing methane from enteric fermentation and increasing animal health and nutrition
CN 116041475 A 20230502	Beijing Dabeinong Technology Group Co Lt	China	The variant of PMAP-37 is used in preparing bacterial inhibitor and a medicine for treating diarrhea caused by bacterial infection
	Yunnan Dabeinong Feed Technology Co Ltd		
WO 2023057556 A1 20230413	Dr Eckel Vermögensverwaltung GmbH	Germany	Composition for reducing the concentration of viruses and of african swine fever virus (asfv) in animal feed and litter materials for stables

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 116077584 A 20230509	Ningbo Creator Animal Pharm Co Ltd	China	Composition for preventing and treating porcine reproductive and respiratory syndrome, comprises Bletilla striata, giant knotweed, Potentilla chinensis, fig leaves, rhubarb, cordate Houttuynia and aspirin
	Zhejiang Creator Biotechnology Co Ltd		
CN 116082524 A 20230509	Southern China Biological Medicine Res	China	Recombinant fusion protein of African swine fever virus P30-P54 for use in preparation of African swine fever virus vaccine and antibody product
WO 2023052772 A1 20230406	Univ Strathclyde	United Kingdom	New amido derivative used in composition or for manufacture of medicament for treatment of infection caused by RNA virus
KR 20230049910 A 20230414	Seoul Nat Univ R&Db Foundation	South Korea	Pharmaceutical composition and food composition useful for preventing or treating diseases and symptoms caused by coronavirus infection
KR 20230053258 A 20230421	Korea Res Inst Bioscience & Biotechnology	South Korea	New recombinant plant expression vector comprising polynucleotide encoding monoclonal antibody in which horseradish peroxidase is fused to its carboxy terminus, useful for preparing horseradish peroxidase fusion monoclonal antibody
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used in pharmaceutical composition for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA
CN 116042531 A 20230502	Univ Yangzhou	China	Anti-porcine delta coronavirus NS7 and NS7a protein hybridoma cell line for use in preparation of reagents, test strips or kits for detecting or diagnosing porcine delta coronavirus
CN 116036253 A 20230502	Animtech Biological Eng Co Ltd	China	Live vaccine for porcine reproductive and respiratory syndrome



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 116036075 A 20230502	New Hope Liuhe Co Ltd Biotechnology Co Ltd	China	Biological agent used in preparation of bactericide and medicine for reducing adhesion of Actinobacillus pleuropneumoniae to porcine lung epithelial cells and treating porcine Actinobacillus pleuropneumoniae diseases, comprises inulicin
	Shandong New Hope Liuhe Group Co Ltd		
	Qingdao Jiazhi		
CN 116098900 A 20230512	Univ Henan Animal Husbandry & Economy	China	Use of inhibitor ciclopirox in preparation of medicine for preventing and controlling porcine reproductive and respiratory syndrome and inhibiting proliferation of porcine reproductive and respiratory syndrome virus
CN 116077509 A 20230509	Hubei Acad Agric Sci Animal Husbandry	China	Composition used in preparing drug for treating or preventing bacterial infection caused by S. Suis, E. Coli, H. Parasuis, or A. Pleuropneumoniae, and in food processing and livestock breeding application
CN 116004420 A 20230425	New Hope Liuhe Co Ltd	China	The L.plantarum strain NHE-lpb11 is useful for preparation of probiotics for promoting reproductive performance of sows (claimed) and providing antibacterial effect
	Sichuan New Hope Animal Husbandry Sci		
	Chengdu Fenglan Technology Co Ltd		
CN 115851831 A 20230328	Pu Like Bio Eng Co Ltd	China	Method for constructing Chinese hamster ovary (CHO) cell expressing a foreign protein that is used in vaccine composition
KR 20230075625 A 20230531	Korea Atomic Energy Res Inst	South Korea	Immunogenic recombinant protein of Streptococcus suis and immunogenic composition comprising the same
	Ctc Bag Co Ltd		
WO 2023092189 A1 20230601	Western Sydney Local Health District	Australia	Broad host range conjugative plasmids
	Westmead Medical Res Inst		
CN 115851548 A 20230328	Shandong Sinder Tech Co Ltd	China	Streptococcus suis type 2 virulent strain SS-FJLMF used in preparing vaccine for Streptococcus suis disease and antigen protein with immunogenicity

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115851494 A 20230328	New Hope Liuhe Co Ltd	China	Strain of Lactobacillus plantarum NHE-lpe5 for use in preparing broad spectrum antibacterial agent, oral microecological preparation, and improving the growth performance of weaned pig
	Chengdu Fenglan Technology Co Ltd		
	Sichuan New Hope Animal Husbandry Sci		
CN 115992102 A 20230421	Wuhan Keqian Animal Biological Prod Co	China	Preparing porcine circovirus type 3 virus-type useful in preparing porcine circovirus type 3 subunit vaccine for treating and preventing PCV3 virus infection
CN 116023473 A 20230428	Jiangsu Dongkang Biomedicine Technology	China	New antibody or antigen-binding fragment specifically in conjunction with African swine fever virus cdv protein useful for e.g. Preparing products for detection or auxiliary detection of African swine fever virus, comprises heavy chain variable region and light chain variable region
CN 116024268 A 20230428	Wuhan Keqian Animal Biological Prod Co	China	The virus-like particle is useful for preparing porcine circovirus type 3 polyclonal antibody or monoclonal antibody, preparing porcine circovirus type 3 antibody detection reagents and preparing porcine circovirus type 3 genetically engineered subunit vaccine
WO 2023049747 A1 20230330	Elanco Us Inc	USA	Veterinary composition useful for treating disease e.g. Mastitis, septicemia, inflammation, polyarthritis or meningitis in non-human animal, comprises plyss2 active compound and carriers
CN 115850501 A 20230328	Beijing Pufeite Biotechnology Co Ltd	China	Chimeric recombinant expression protein of African swine fever viruses p30, p72 and p54 as well as preparation method and application of chimeric recombinant expression protein
CN 115845038 A 20230328	Yibin Vocational & Technical College	China	Inhibitor for inhibiting virus replication and cancer cell proliferation

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 116063576 A 20230505	Univ Anhui Agric	China	Follicle - stimulating hormone receptor-dithiothreitol (FSHR-DTT) recombinant castrated vaccine useful for controlling mammalian fertility and improving immune effect, comprises animal FSHR having specific amino acid sequence
	Linquan Modern Agric Technology Cooper		
	Anhui Anxin Guoyang Animal Husbandry Dev		
	Anhui Tianfeng Animal Husbandry Sci		
CN 115873878 A 20230331	Linquan Zhongyuan Animal Husbandry Dev	China	New recombinant gene of porcine circovirus type 2 and type 3 used in preparing virus-like particles, and preparing vaccine for porcine circovirus type 2 and type 3,
	Dongguan Bosheng Biotechnology Co Ltd		
Guangzhou Yuanbo Medical Technology Co	China	The anti-porcine delta coronavirus M protein monoclonal antibody, antigenic epitope peptide, hybridoma cell strain or conjugate is used in preparing reagents for diagnosing porcine delta coronavirus or treating disease caused by porcine delta coronavirus	
			Univ Yangzhou
CN 115991765 A 20230421	Univ Yangzhou	China	Method for preparing swine fever live vaccine
CN 116036257 A 20230502	Ringpu Baoding Biological Pharm Co Ltd	China	Fusion protein used for preparing product for preventing and treating livestock disease
CN 115850510 A 20230328	Muyuan Food Co Ltd	China	The antigenic epitope fusion protein is useful for preparation and detection of African swine fever virus product
CN 116023506 A 20230428	Guangdong Acad Agric Sci Animal Health	China	Recombinant bacillus erysipelatos suis surface protection antigen A with tandem dominant epitopes and application thereof
CN 115850404 A 20230328	China Inst Veterinary Drugs Control	China	Construction of African swine fever MGF505-2R gene deleted attenuated strain and application thereof as vaccine
CN 115851623 A 20230328	Lanzhou Veterinary Res Inst Caas	China	New antibody useful in preparing detection kit for detecting swine fever and infection, comprises fragment antigen-binding region, single-chain fragment variable and immunoglobulin
CN 115873105 A 20230331	Abiocenter Jiangsu Biotechnology Co Ltd	China	

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115873768 A 20230331	Wuhan Keyuan Biological Dev Co Ltd	China	Microbial compound preparation, preparation method and application
CN 115814071 A 20230321	Pu Like Bio Eng Co Ltd	China	The African swine fever virus subunit vaccine composition is useful in the preparation of a medicine for preventing African swine fever virus infection
CN 116063573 A 20230505	Jinhe Youben Biological Prod Co Ltd	China	Fusion protein used in preparing swine fever and pig virus circular ring-type dual subunit vaccine
WO 2023051805 A1 20230406	Nuo Beta Pharmaceutical Tech Shanghai Co Ltd	China	New fluorinated phenylarsine oxide-based compound useful as PI4KIII alpha-specific inhibitor in preparation of medicine for preventing and treating
WO 2023070223 A1 20230504	Univ Alberta Univ Montreal	Canada	Synthetic glycoconjugate vaccine prototype against streptococcus suis
CN 115851616 A 20230328	Jiangxi Zhengbang Agric Sci Acad Jiangxi Zhengbang Technology Co Ltd	China	Porcine pseudorabies virus strain, porcine circovirus type 2 strain, quadruple inactivated vaccine and preparation method thereof
WO 2023060279 A1 20230413	Univ Iowa State Res Found Inc	USA	Use of dopamine producing products to increase vaccine efficacy
CN 115887631 A 20230404	Shandong Sinder Technology Co Ltd	China	Haemophilus parasuis and Streptococcus suis dual vaccine
WO 2023064368 A1 20230420	Univ Georgia State Res Found	USA	Novel rhodanine derivatives and uses thereof
CN 115851626 A 20230328	Spirit Jinyu Biological Pharmaceutical Co Ltd	China	New attenuated African swine fever virus strain useful for preparation of attenuated African swine fever virus live vaccine New attenuated African swine fever virus strain useful for preparation of attenuated African swine fever virus live vaccine
WO 2023057979 A1 20230413	Prec Nanosystems Ulc	Canada	Rna vaccine lipid nanoparticles
WO 2023075697 A2 20230504	Agency Science Tech & Res	Singapur	The recombinant/fusion polypeptide is useful in composition as a therapy or drug, and for preparing a medicament for treating and/or preventing a viral infection in a subject

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 202306229 A2 20230427	Boehringer Ingelheim Vetmedica China Co Ltd	China	The recombinant CSFV E2 protein, the recombinant nucleic acid, the vector and/or the recombinant CSFV are useful in an immunogenic composition which is a vaccine e.g. As a marker vaccine or differentiation between infected and vaccinated animals (DIVA) vaccine and preventing and/or treating diseases associated with CSFV in an animal
KR 102535965 B1 20230531	Agency Defense Dev	South Korea	New ricin vaccine comprising ricin toxin A chain protein, useful for suppressing ischemia, eliminating toxicity and cytotoxicity due to adenine binding in guinea pigs
CN 115844883 A 20230328	Henan Acad Agric Sci	China	Method for inhibiting in-vitro infection of porcine epidemic diarrhea virus by using tetrabromobenzotriazole and application of tetrabromobenzotriazole
CN 115919842 A 20230407	Acad Military Medical Sci Pla	China	The potassium dehydroandrographolide succinate or its derivatives is used in preparing products for preventing, improving or treating diseases caused by Clostridium perfringens infection
CN 116036061 A 20230502	Acad Military Medical Sci Pla	China	Potassium acetoexamide or its derivatives for preventing, improving or treating diseases caused by Clostridium perfringens infection

# VT Avicultura



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115887556 A 20230404	The Diyi Biological Pharmaceutical Co	China	Fermented composition useful for improving immunity of livestock and poultry, comprises Pleurotus eryngii, honeysuckle, Houttuynia cordata, Magnolia officinalis, earthworm residue, glucose, Clostridium butyricum and lactic acid bacteria
CN 115896041 A 20230404	Univ Huazhong Agric	China	New broad-spectrum lytic bacteriophage strain useful for preparation of medicine for controlling Salmonella and/or Escherichia coli infection in feed or drinking water, and breeding animal
CN 115887444 A 20230404	Univ Jilin	China	Silybin used for preparing antibacterial medicine for inhibiting decomposition and utilization of Clostridium perfringens adhesive protein; and preventing and treating infection
CN 115887634 A 20230404	Wuhan Keqian Animal Biological Prod Co	China	Bivalent subunit vaccine is used for treating or preventing chicken infectious bronchitis virus infection disease (claimed), and in the field of biotechnology
CN 115920026 A 20230407	Univ Sun Yat-Sen	China	Heat-resistant multimeric protein scaffold used for preparing various vaccine antigens and adjuvant used for preparing vaccine having thermal stability and enhanced antigen immunogenicity

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115919842 A 20230407	Acad Military Medical Sci Pla	China	The potassium dehydroandrographolide succinate or its derivatives is used in preparing products for preventing, improving or treating diseases caused by Clostridium perfringens infection
WO 2023096766 A1 20230601	Chen Dalu	USA	Method of preventing and treating viral infections in animals, involves inhibiting viral entry protein-to-cellular receptor interaction in an animal
	Malcolm Thomas		
EP 4162932 A1 20230412	Hhv Hallertauer	Germany	Use of composition comprises xanthohumol for preventing or treating coronavirus infection
EP 4162948 A1 20230412	Genclis	France	Transcription infidelity derived chimeric immunogens and uses thereof
WO 2023085882 A1 20230519	Genexine Inc	South Korea	Administration therapy of interleukin-7 fusion protein for treatment or prevention of coronavirus infectious disease
WO 2023092180 A1 20230601	Biotron Ltd	Australia	Methods of treating sars-cov-2 infection
CN 116036101 A 20230502	Inst Animal Sci Guangdong Prov Acad Agri	China	Trehalose used for preparing drugs for improving sensitivity of drug resistant bacteria to gentamicin and anti-infection ability of poultry and livestock against gentamicin-resistant bacteria
CN 116041496 A 20230502	Univ Yangzhou	China	The neutralizing monoclonal antibody is used for applying in the preparation of intranasal inoculation medicine, and in the preparation of H7N9 subtype avian influenza virus detection products
CN 116019168 A 20230428	Univ Guangxi	China	Silymarin used for preparing chicken feed or anti-coccidiosis medicine for resisting, preventing or treating chicken coccidiosis, e.g., Eimeria coccidiosis, and Eimeria tenella



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115925894 A 20230407	Beijing Reyan Biotechnology Co Ltd	China	Monoclonal antibody 2D9 used in preparing kit and test paper strip (such as bonding pad, sample pad, NC film and water absorbing pad) for detecting chicken coronavirus infectious bronchitis virus nucleocapsid protein, comprises chain heavy chain and light chain variable regions
EP 4166002 A1 20230419	Evonik Operations GmbH	Germany	Microbial preparations containing specific cryoprotectants
CN 116042491 A 20230502	Fujian Health College Guangdong Rongda Biology Co Ltd	China	Microecological preparation used as anti-oxidant product in microorganism culture medium, feed for inhibiting Escherichia coli, and protease, producing amylase, and lipase, and preparing product for improving animal gastrointestinal tract function, comprises <i>Ligilactobacillus salivarius</i> strain LS11
CN 116083374 A 20230509	Qingdao No-Antibiotics Biotechnology Co	China	The <i>S.pullorumbacteriophage</i> PC127 is useful for preparation of medicine, feed additive, environmental disinfectant, food preservation agent and detection kit of preventing and treating <i>S.pullorum</i> disease
US 2023125341 A1 20230427	Carbon Tech Holdings LLC	USA	An antimicrobial for reducing methane from enteric fermentation and increasing animal health and nutrition
CN 116036256 A 20230502	Jiangsu Agric Sci Inst	China	The avian influenza subunit vaccine is useful for specifically reacting with positive serum of different branches or subbranches of H9 subtype avian influenza virus

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115927469 A 20230407	China Inst Veterinary Drug Control	China	VP2 protein recombinant virus vector or immunogenic derivative of VP2 gene for expressing infectious bursal disease virus, and preparing vaccine composition for treating poultry Marek's disease and infectious bursal disease, in which VP2 gene is protective epitope of infectious disease virus gene
CN 116036061 A 20230502	Acad Military Medical Sci Pla	China	Potassium acetoexamide or its derivatives for preventing, improving or treating diseases caused by Clostridium perfringens infection
KR 20230049910 A 20230414	Seoul Nat Univ R&Db Foundation	South Korea	Pharmaceutical composition and food composition useful for preventing or treating diseases and symptoms caused by coronavirus infection
CN 116024145 A 20230428	Shandong Taishan Shengliyuan Group Corp	China	New Bacillus subtilis SLY1927 used for preparing poultry feed additives, preparing medicines for increasing poultry body weight, preparing medicines for enhancing poultry disease resistance, and preparing medicines for improving ammonia resistance of poultry
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used in pharmaceutical composition for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA
ZA 202201111 B 20220525	Univ Shandong Agricultural	China	The recombinant MDV strain MDLV21 is useful as a production seed virus for preparing a chicken MDV vaccine strain, as a live vaccine vector, or for providing immunization against MDV for chicken flocks in China

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115894671 A 20230404	Beijing Reyan Biotechnology Co Ltd	China	The anti-chicken coronavirus IBV monoclonal antibody 1G5 is useful for preparing kit or test strip for detecting chicken coronavirus IBV and chicken coronavirus IBV nucleocapsid protein
CN 115851831 A 20230328	Pu Like Bio Eng Co Ltd	China	Method for constructing Chinese hamster ovary (CHO) cell expressing a foreign protein that is used in vaccine composition
CN 115896173 A 20230404	Univ Nanjing Agric	China	The method is useful for constructing avian infectious bronchitis virus clone for preparing chicken infectious bronchitis virus vector vaccine, researching chicken infectious bronchitis virus gene expression and screening of antiviral drugs for reporter virus
CN 116063465 A 20230505	Univ South China Agric	China	The nano antibody M111 against H7 subtype avian influenza virus is used in preparing medicine for detecting H7 subtype avian influenza virus
CN 115851838 A 20230328	Shenzhen Hertz Life Science And Tech Co Ltd	China	Preparation of recombinant virus vaccine
CN 116162137 A 20230526	Jiangsu Agri Animal Husbandry Vocational	China	Double-targeting protein used as immunopotentiator of avian influenza virus vaccine, or full-virus inactivated vaccine for avian cyst membrane virus vaccine immune enhancement
CN 116024151 A 20230428	Univ Nantong	China	New avian pathogenic Escherichia coli small RNA (srna) s078 gene deletion strain FY32deltas078 useful for preparation of vaccine
CN 116064424 A 20230505	Shandong Sinder Technology Co Ltd	China	New attenuated Newcastle disease virus strain constructed by inserting VP2 protein gene of infectious bursal disease virus variant strain between P-M gene of NDV gene VII attenuated rsl strain, useful for preparing dual vaccine against NDV and IBDV

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023048197 A1 20230330	Asahi Biocycle Co Ltd	Japan	Composition for preventing avian enteritis comprising lactobacillus plantarum
CN 115873768 A 20230331	Wuhan Keyuan Biological Dev Co Ltd	China	Microbial compound preparation, preparation method and application
CN 115850500 A 20230328	Beijing Acad Agric & Forestry	China	Bispecific antibody for resisting infectious bursal disease virus VP2 and chicken CR2
CN 115873104 A 20230331	Univ South China Agricult	China	Nanometer antibody M124 aiming at H7 subtype avian influenza virus and application thereof
CN 115850466 A 20230328	Univ Shanxi Agricultural	China	Clostridium perfringens alpha toxin nano antibody used in preparing reagent for specifically combining Clostridium perfringens alpha toxin protein, and detecting Clostridium perfringens alpha toxin in animal excremen
WO 2023051805 A1 20230406	Nuo Beta Pharmaceutical Tech Shanghai Co Ltd	China	New fluorinated phenylarsine oxide-based compound useful as PI4KIII alpha-specific inhibitor in preparation of medicine for preventing and treating
CN 115851617 A 20230328	Univ Qingdao Agricultural	China	New Escherichia coli phage LHE83 useful e.g. For preparing biological agent for preventing and treating diseases or contamination, preferably colibacillosis caused by pathogenic Escherichia coli, preferably toxigenic Escherichia coli
CN 115851616 A 20230328	Jiangxi Zhengbang Agric Sci Acad Jiangxi Zhengbang Technology Co Ltd	China	Porcine pseudorabies virus strain, porcine circovirus type 2 strain, quadruple inactivated vaccine and preparation method thereof
CN 115851477 A 20230328	Univ South China Agricult	China	Escherichia coli JC83 is used for secreting outer membrane vesicle which is used for preparing outer membrane vesicle vaccines, and preparing infectious bursal disease virus subunit vaccine
US 2023158138 A1 20230525	Wisconsin Alumni Res Found	USA	Vaccine composition for inducing immune response against infectious bronchitis virus (IBV) in a subject
CN 115785230 A 20230314	Beijing Huanuotai Biomedical Tech Co Ltd	China	New antigenic peptide targeting avian influenza virus M2 useful for preparation of influenza M2 vaccinating agent

# VT Acuicultura



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115894627 A 20230404	Univ Zhejiang Ocean	China	New shellfish antimicrobial peptide A1-beta useful in preparing antibacterial agents and antibacterial medicine
CN 115919862 A 20230407	Cafs Yellow Sea Fisheries Res In	China	The composition is used for inhibiting <i>Vibrio parahaemolyticus</i> , in preparing medicine for preventing and treating <i>Vibrio parahaemolyticus</i> infection in aquatic animal and improving sensitivity of <i>Vibrio parahaemolyticus</i> to enrofloxacin
WO 2023084510 A1 20230519	Viaqua Therapeutics Ltd	Israel	The particulate composition is useful as nutraceutical composition for farmed crustacean and treatment or prevention of a disease or condition in a farmed crustacean associated with a pathogenic virus
JP 2023078111 A 20230606	Univ Hokkaido Kyoritsu Seiyaku Corp	Japan	Composition used in combating fish ectoparasites, where fish used as freshwater-reared fish, salmonid fish, and flatfish family, and for treating helminthiasis, comprises glutaraldehyde
KR 20230058323 A 20230503	Jeju Technopark	South Korea	Anti-microbial composition for aquacultured marine fishes using citrus pulp fermented by <i>Lactobacillus plamtarum</i>
	Saejin Bnc Co Ltd		
CN 116042541 A 20230502	Univ Huazhong Agric	China	The <i>Vibrio alginolyticus</i> phage (GRNRZ-P25) is used for biologically controlling

Número de publicación	Solicitante	País de origen	Contenido técnico
<a href="#">CN 116042625 A 20230502</a>	Cafs Freshwater Fisheries Res Cent	China	New antisense RNA useful for preparing biological product against type 2 carp herpes virus, and constructing fish strain resistant to type 2 carp herpes virus, has specific base pair sequence
<a href="#">CN 115975992 A 20230418</a>	Andong Longchang Animal Health Prod Co	China	Lysozyme mutant used in preparing bacteriostat, bile acid enzyme preparation and feed additive of aquatic animal for inhibiting pathogenic bacteria such as Vibrio, Streptococcus and Salmonella
<a href="#">CN 116143882 A 20230523</a>	Univ Guangxi Chinese Medicine	China	Hitr-hepcidin antimicrobial peptide, polypeptide or protein used in preparing bacteriostat for prevention and/or elimination of microbial infection in aquaculture
<a href="#">CN 116064511 A 20230505</a>	Univ Shanghai Ocean	China	The RNA interference sequence is useful in preparation of an anti-carp herpesvirus type II drugs or vaccines, kit, and reagent for inhibiting expression of immediate early genes
<a href="#">CN 116059210 A 20230505</a>	Univ Shanghai Ocean	China	Use of LY294002 used in preparation of inhibitors of herpes simplex virus II type, having dihydro pyrano compound
<a href="#">WO 2023080791 A1 20230511</a>	Kapp Det Gode Haap As	Norway	Peptides for the inhibition of parasite infection
<a href="#">WO 2023060279 A1 20230413</a>	Univ Iowa State Res Found Inc	USA	Use of dopamine producing products to increase vaccine efficacy
<a href="#">CN 115869344 A 20230331</a>	Yellow Sea Fisheries Res Inst Chinese Acad Fishery Sciences	China	Application of florfenicol and moringa oleifera leaf composition in preparation of medicine for preventing and treating acute hepatopancreatic necrosis of prawns
<a href="#">CN 115869422 A 20230331</a>	Univ Zhejiang Ocean	China	Application of uncoupling protein gene UCP4 in preventing vibrio alginolyticus from infecting prawns

# VT Apicultura



Número de publicación	Solicitante	País de origen	Contenido técnico
<a href="#">TR 202009185 A2</a> <a href="#">20211221</a>	Arion Ilac Sanayi Ticaret Anonim Sirketi	Turkey	The feed additive is useful for preventing and treating Nosema infections causing colony collapse disorder (CCD) in bees
<a href="#">WO 2023062207 A1</a> <a href="#">20230420</a>	Cellnutrition Ltd	Ireland	Therapeutic composition used for preventing disease, preferably viral disease, and protecting against bacterial, viral, fungal, or parasitical diseases, preferably viral or bacterial disease, comprises bee-derived component and marine plasma, or bee-derived component derived from Zabrus and preventive compositions





# VTÉquidos

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115887699 A 20230404	Univ Xinjiang Agric	China	Composition used in preparing anti-horse herpesvirus type 1 infection related medicine or biological product for regulating and controlling herpes simplex virus 1-type replication or copy by regulation of synaptic vesicle cycle, comprises pleckstrin homology domain-containing, family G member 5 gene
WO 2023096766 A1 20230601	Chen D	USA	Method of preventing and treating viral infections in animals, involves inhibiting viral entry protein-to-cellular receptor interaction in an animal
	Malcolm T		
WO 2023052468 A1 20230406	Univ Antwerpen	Belgium	Nucleoside analogues for the treatment of parasitic infections
KR 20230082700 A 20230609	Univ Chonbuk Nat Ind Coop Found	South Korea	NOX2 Composition comprising NOX2 inhibitor for prevention or treating encephalitis caused by viral infection
WO 2023083295 A1 20230519	Suzhou Spring Sea Bio Pharmaceuticals Co Ltd	China	New dihydroxy-5-(hydroxymethyl)oxolan-2-yl-4-(substituted oxy) amino-1,2-dihydropyrimidin-2-one compound used in pharmaceutical composition for manufacturing medicament for treating or preventing RNA viral infection
WO 2023085882 A1 20230519	Genexine Inc	South Korea	Administration therapy of interleukin-7 fusion protein for treatment or prevention of coronavirus infectious disease

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115927469 A 20230407	China Inst Veterinary Drug Control	China	VP2 protein recombinant virus vector or immunogenic derivative of VP2 gene for expressing infectious bursal disease virus, and preparing vaccine composition for treating poultry Marek's disease and infectious bursal disease, in which VP2 gene is protective epitope of infectious disease virus gene
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used in pharmaceutical composition for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA
WO 2023092192 A1 20230601	Telemedvet Pty Ltd	Australia	Detecting pathological bone activity in equine subject, and reducing risk of bone fracture
US 2023119141 A1 20230420	Phyto Tech Corp	USA	Uses of taxifolin for respiratory health
WO 2023077030 A1 20230504	Gilead Sciences Inc	USA	New phosphate-based compound used for pharmaceutical composition for treating cancer in mammals
CN 115919842 A 20230407	Acad Military Medical Sci Pla	China	The potassium dehydroandrographolide succinate or its derivatives is used in preparing products for preventing, improving or treating diseases caused by Clostridium perfringens infection
CN 116036061 A 20230502	Acad Military Medical Sci Pla	China	Potassium acetohexamide or its derivatives for preventing, improving or treating diseases caused by Clostridium perfringens infection

# VT Mascotas



Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023056042 A1 20230406	Elanco Us Inc	USA	The formulation is useful for reducing pain in a mammal subject, where the pain is postoperative pain associated with a surgical procedure and the subject is a feline
BR 102021016864 A2 20230314	Univ Rio De Janeiro	Brazil	The liposome is useful in intranasal composition for preventing leishmaniasis, allergies, autoimmune diseases, inflammatory diseases, and/or transplant rejection in animal
WO 2023102483 A1 20230608	Univ Michigan Us Dept Veterans Affairs	USA	Immunogenic composition used for reducing, preventing or treating anthrax infection
US 2023127241 A1 20230427	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in canines and methods of use
DE 102021211804 A1 20230420	Bernhard H	Germany	Use of substance comprising tibolone, tibolol, tibolone-delta 4-isomer, 3-hydroxy-tibolone-delta 4-isomer and isomer esterified analogs attached to hydroxyl groups of tibolone, for therapeutic and prophylactic treatment of pruritus in human and mammal including dog, cat, horse and livestock
	Christian M		
	Hank B		
	Mueller C		
	Wieland H		
	Wolfgang V		
WO 2023060078 A1 20230413	West Virginia Univ Board Of Governors On Behalf Of West Virginia Univ	USA	Vaccines against coronavirus infection using lipid a analogs as adjuvants

Número de publicación	Solicitante	País de origen	Contenido técnico
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used in pharmaceutical composition for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA
CN 115845072 A 20230328	Jiangxi Baoling Animal Health Products Co Ltd	China	The fipronil composite liquid is used for preparing a medicine for controlling animal parasites
CN 116059246 A 20230505	Hangzhou S-Evans Biosciences Co Ltd	China	Mesenchymal stem cells and AMP used in the preparation of a product for intervening atopic dermatitis
WO 2023064931 A1 20230420	La Jolla Inst For Immunology	USA	New recombinant rabies virus glycoprotein useful for preparing medicament for treating or preventing viral disease caused by e.g. Lyssavirus and rabies virus, comprises rabies virus glycoprotein
WO 2023075697 A2 20230504	Agency Science Tech & Res	Singapur	The recombinant/fusion polypeptide is useful in composition as a therapy or drug, and for preparing a medicament for treating and/or preventing a viral infection in a subject
KR 102525280 B1 20230425	Kim Tae Yoon	South Korea	The composition is useful for preventing allergies e.g. Allergic dermatitis in companion animals by inhibiting the accumulation of monounsaturated fatty acids, and improving the health of companion animals
WO 2023095075 A1 20230601	Craniomed Group S R Lbisaccia Domenico/Bisaccia Domenico	Italy	Combination of one or more antibiotics of the ansamycin class with one or more other antibiotics for the prevention and treatment of coronavirus-caused infections, related diseases and clinical effects caused by toxins product after viral infection
WO 2023077030 A1 20230504	Gilead Sciences Inc	USA	New phosphate-based compound used for pharmaceutical composition for treating cancer in mammals
US 2023111947 A1 20230413	Curemark Llc	USA	Methods of prophylaxis of coronavirus infection and treatment of coronaviruses

Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115919842 A 20230407	Acad Military Medical Sci Pla	China	The potassium dehydroandrographolide succinate or its derivatives is used in preparing products for preventing, improving or treating diseases caused by Clostridium perfringens infection
CN 116036061 A 20230502	Acad Military Medical Sci Pla	China	Potassium acetohexamide or its derivatives for preventing, improving or treating diseases caused by Clostridium perfringens infection

# VTVarios



Número de publicación	Solicitante	País de origen	Contenido técnico
CN 115998777 A 20230425	By-Health Co Ltd	China	Use of Lactobacillus paracasei or its progeny, or composition comprising Lactobacillus paracasei or its progeny, for preparation of medicine or food for maintaining and/or improving gastrointestinal health or preventing and/or treating disease
WO 2023075697 A2 20230504	Agency Science Tech & Res	Singapur	The recombinant/fusion polypeptide is useful in composition as a therapy or drug, and for preparing a medicament for treating and/or preventing a viral infection in a subject
WO 2023077030 A1 20230504	Gilead Sciences Inc	USA	New phosphate-based compound used for pharmaceutical composition for treating cancer in mammals
WO 2023085242 A1 20230519	Univ Hokkaido Nat Univ Corp	Japan	Antiviral agent is used in pharmaceutical composition for treating or preventing infectious diseases caused by enveloped viruses whose genes are positive-strand single-stranded RNA

# Noticias



## 26 DE ABRIL: DÍA MUNDIAL DE LA PI

Un año más, llega el mes de abril, y con él, el Día Mundial de Propiedad Intelectual e Industrial: el 26 de abril.

+ MÁS



## Colaboración OEPM con ITEMAS

El 21 de abril se llevó a cabo en la Oficina Española de Patentes y Marcas, O.A. (OEPM) una jornada para presentar el convenio de colaboración suscrito el pasado mes de marzo entre la plataforma ITEMAS, el Instituto de Salud Carlos III (ISCIII) y la OEPM.

+ MÁS



## Sello Conmemorativo "Efemérides. 30 años Oficina Española de Patentes y Marcas (1992-2022)"

A lo largo del año 2022, la Oficina Española de Patentes y Marcas, O.A. (OEPM) celebró su 30 aniversario, desde la creación del organismo en el año 1992 con su actual denominación.

+ MÁS



## Subvenciones para el fomento de las solicitudes de patentes y modelos de utilidad

La Oficina Española de Patentes y Marcas, O.A. (OEPM) impulsa la utilización de la Propiedad Industrial por las empresas españolas como herramienta de acceso a los mercados internacionales.

+ MÁS



## Feria Internacional de Defensa y Seguridad FEINDEF

Los días 17 a 19 de mayo la Feria FEINDEF se celebró en el recinto ferial IFEMA Madrid. Esta es la única feria en España del sector de Defensa y Seguridad apoyada institucionalmente por el Ministerio de Defensa.

+ MÁS



## Premios OEPM a la Mejor Invención Protegida

El 14 de junio celebramos la Segunda Edición de los Premios a la Mejor Invención Protegida por Propiedad Industrial, convocados por la Oficina Española de Patentes y Marcas, O.A. (OEPM).

+ MÁS



## Acto Entrega títulos funcionarios de carrera

¡Y por fin llegó el día tan esperado! Después de un gran esfuerzo, y no hay duda de que prepararse unas oposiciones lo es, lo que toca es celebrar el éxito conseguido.

+ MÁS



## Participación de la OEPM en el podcast Privilegios de Invención

Desde la Oficina Española de Patentes y Marcas, O.A. (OEPM) nos gusta participar en las nuevas acciones de difusión que nos proponen los diferentes actores de la escena de la propiedad industrial. En consonancia con esto, la directora de la OEPM ha participado en un nuevo episodio del Podcast elaborado por PONS IP "Privilegios de Invención".

+ MÁS



# Noticias



## La sostenibilidad, protagonista de la Conferencia Anual de Vet+i en 2023

Entre los más de 150 asistentes que se reunieron destacan autoridades, investigadores, decanos de universidades españolas, industria, veterinarios y el sector ganadero.

+ MÁS



## Lanzamiento de la Quinta Edición del Máster en Dirección y Marketing en la Industria de Sanidad y Nutrición Animal 2023

Vet+i y ESIC, con el apoyo de Veterindustria y la colaboración de AEMASA lanzan esta quinta edición, que contará una vez más con docentes, tanto del mundo de la empresa como de las autoridades reguladoras, con el objetivo de cubrir esta demanda de formación en el área de la Industria de sanidad animal.

+ MÁS



## Vet+i apuesta por las nuevas terapias en su IV Animal Health Innovation Day organizado junto con Nanomed Spain

Este evento organizado desde la Fundación Vet+i, en colaboración con la Plataforma Tecnológica Española de Nanomedicina (NANOMED Spain), contó con 200 asistentes y reunió a Empresas y Centros de Investigación de gran relevancia en el sector de la sanidad animal.

+ MÁS



## Vet+i de nuevo presente en la reunión constitutiva del Comité organizador de Iberzoo-propet 2024

Tras el balance de la feria Iberzoo Propet de este año 2023 se fijaron los principales ejes definitorios de la misma.

+ MÁS



## La Fundación Vet+i organiza una mesa redonda sobre estrategias para evitar futuras pandemias

Más de 200 inscritos se dieron cita en el evento anual que une a las Plataformas Tecnológicas de Investigación Biomédica, incluyendo al sector de la sanidad animal con representantes de la Administración, agencia reguladora, universidad y empresa, además de investigadores clínicos.

+ MÁS



## Celebrado con éxito el Taller formativo presencial sobre Nuevas terapias en Medicamentos Veterinarios

El taller contó con casi 80 expertos, entre los cuales había más de 20 expertos en la materia procedentes del Departamento de Medicamentos Veterinarios de la AEMPS.

+ MÁS



## Gran éxito del workshop online sobre las tendencias del presente y futuro en la industria de la Sanidad Animal

Juan Carlos Castillejo departió con los más de 80 asistentes sobre las tendencias, cambios, novedades y oportunidades de la Industria de Sanidad animal.

+ MÁS



## Vet+i presente en la reunión del Grupo Coordinador Técnico del PRAN

En la reunión se presentó el Informe Anual de 2022 del Plan Nacional Frente a la Resistencia a los Antibióticos (PRAN), que sigue apostando por un enfoque One Health integrando salud humana, sanidad animal y medio ambiente.

+ 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)

