

VT

SANIDAD ANIMAL

43

Vigilancia Tecnológica

3^{er} trimestre 2021



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 tres recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el tercer trimestre de 2021 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
JP 2021127334 A 20210902	(Brus-N) Brush Biotech Llc	Japan	Composition used as vaccine for reducing severity and/or duration of mastitis in milk-producing animals e.g. Dairy cows and beef cattle buffaloes, goats, sheep, camels, yaks, horses, reindeer, donkeys, and sows (claimed). The composition is also used for preventing or treating mastitis.
WO 2021178844 A1 20210910	Altimune Inc	USA	The immunogenic composition is useful as vaccine, or in formulation for preparing medicament for inducing a protective immune response against Flavivirus infection in the mammalian subject, or treating or preventing Flavivirus infection. The Flavivirus is Zika virus (ZIKV), a dengue virus, a Japanese encephalitis virus, a West Nile virus or a Yellow fever virus. The immune response is cell-mediated and humoral immune response.
	St Louis Univ	USA	
CN 112898361 A 20210604	(Uyzz) Univ Zhengzhou	China	New 5-o-mycaminoglycosyl tylonolide derivative or salt containing quinoline at position 20 and amino group or other substituents at position 23 used for treating chronic respiratory diseases of livestock and poultry
CN 112921042 A 20210608	(Guag) Guangxi Zhuang Autonomous Region Inst	China	New primer for amplifying coding region of buffalo interleukin-2 gene in polymerase chain reaction amplification useful in preparation of drugs or vaccines for bovine viral diarrhea virus comprises upstream primer and downstream primer

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112972383 A 20210618	(Ning-N) Ningxia Acad Agric & Forestry Sci Animal	China	Tildipirosin nanoemulsion for preventing and treating of Escherichia coli diarrhea in calves
CN 112961224 A 20210615	(Ucag) Univ China Agricultural	China	Bovine viral diarrhea virus type 1 (BVDV-1) virus-like particle useful to prevent or treat bovine viral diarrhea, prevent infectious disease of BVDV-1 virus or disease caused by BVDV-1, comprising Erns protein and E2 protein of BVDV-1
GB 2589856 A 20210616	Christopher Robin Thorpe	United Kingdom	Composition for use of reducing SCC and subsequent mastitis in dairy cows
CN 112999337 A 20210622	(Kuns-N) Kunshan Bio- green Technology Co Ltd	China	Biological enzyme sterilizing liquid preparation used for preventing dairy cow mastitis, comprises lysostaphin, lysozyme, protein stabilizer, ionic compound, bactericide and distilled water
CN 113069545 A 20210706	(Uscg) Univ South China Agric	China	The long-acting bacteriostatic material is useful for preparing biomedical material (claimed) and preventing and treating bovine mastitis.
CN 113082060 A 20210709	(Ushz) Univ Shihezi	China	The cocktail formulation is useful for treating dairy cow mastitis (claimed), and other diseases.
US 2021101916 A1 20210408	Anacor Pharmaceuti- cals Inc	USA	Oxaborole ester compound useful for treating diseases associated with parasites, such as South American trypanosomiasis (Chagas Disease) and African animal trypanosomiasis (AAT).
CN 112933221 A 20210611	(Chen-I) Chen J	China	Immune complex vaccine is used for preventing viral disease. The virus disease is Herpesviridae, Papillomaviridae, Flaviviridae, Orthomyxoviridae, Paramyxoviridae, Parvoviridae, small RNA virus (Picornaviridae), Rhabdoviridae, Reoviridae, Bunyaviridae, Caliciviridae, a Togaviridae, Coronaviridae.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112972437 A 20210618	(Shen-N) Shenyang Vica Biotechnology Co Ltd	China	Topical preparation useful for preventing or treating parasitic infections in animals e.g. Farm animals including horse, cattle, or companion animals including dog, cat, caused by acarid or tick comprises iodonitrophenol, and eugenol
CN 113061581 A 20210702	(Uhza) Univ Hua-zhong Agric	China	The strain is used in the study of pathogenic mechanism and cross-species transmission mechanism of bovine herpesvirus type 1 and for preparing a bovine herpesvirus type 1 vaccine, where the virulence of the strain is weakened
CN 112852753 A 20210528	Phagelux Inc	China	Novel staphylococcus aureus phage as well as composition and application thereof
CN 112852754 A 20210528	Phagelux Inc	China	Novel staphylococcus aureus phage as well as composition and application thereof
CN 112920259 A 20210608	(Uypl-N) Univ Pla Army Medical	China	New epitope peptide used in preparation of medicine for diagnosing, preventing or treating Staphylococcus aureus infection
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe GmbH	Denmark	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021122896 A1 20210624	Intervet Int Bv	Netherlands	Cryptosporidiosis vaccine
	Intervet Inc	USA	
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof
WO 2021180740 A1 20210916	Nestle Sa	Sweden	Compositions and methods containing reduced nicotinamide riboside for prevention and treatment of lung diseases and conditions
CN 112851770 A 20210528	Univ Army Medical	China	Alpha-hemolysin antigen epitope peptide for diagnosing or preventing and treating staphylococcus aureus infection and application of alpha-hemolysin antigen epitope peptide

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113040269 A 20210629	(Huna-N) Hunan Jianyuan Bio-Tech Co Ltd	China	The fermented Chinese herbal medicinal feed additive is useful as anti-diarrhea feed additive for livestock and poultry. The livestock and poultry are piglets including piglets in farrowing house and weaning and nursery piglets (all claimed). The feed additive is also used for improving immunity and disease resistance of piglets, regulating animal intestinal microecological balance, and repairing intestinal mucosal damage.
FR 3105730 A1 20210702	Nolivade	France	Use of composition comprising at least one strain of Bacillus, preferably Bacillus subtilis for preventing and/or treating mastitis induced by pathogenic microorganisms, preferably pathogenic bacteria e.g. Escherichia coli in cattle
WO 2021182695 A1 20210916	Thinkforbl Co Ltd	South Korea	System for detecting diarrhea and predicting diarrhea risk level in livestock, and method for using same
CN 113087781 A 20210709	(Beij-N) Beijing Shihua Kangyuan Biotechnology Co	China	Antibacterial peptide for preparing medicine for treating disease, such as piglet diarrhea caused by bacterial infection of livestock and poultry, and for preparing pig feed additives and pig feed, comprises amino acid sequence
CN 113186169 A 20210730	(Uyji) Univ Jilin First Hospital	China	New Strain of Serratia marcescens vb(sams-WG03 bacteriophage useful in preparing medicine for preventing or treating infectious disease caused by Serratia marcescens and pseudo conjugated Yersinia
CN 113265365 A 20210817	(Puli-N) Pulike Biological Eng Inc	China	The Escherichia coliis useful for expressing and preparing foreign proteins (all claimed) and in variety of veterinary vaccine proteins, preferably proteins derived from eukaryotes.
WO 2021135178 A1 20210708	China Immunotech Beijing Biotechnology Co Ltd	China	Enhanced t-cell receptor star and application thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112891529 A 20210604	Univ China Agricultural	China	Application of bovine beta defensin 5 as novel mucosal immunologic adjuvant
CN 113136400 A 20210720	(Puli-N) Pulike Biological Eng Inc	China	Constructing Chinese hamster ovary (CHO) cells for efficiently expressing foreign proteins comprises (1) adding signal peptide sequence to the N-terminus of the exogenous protein sequence, (2) adding the exogenous protein sequence with the signal peptide sequence and joining Fc sequence together by fusion to construct expression plasmid, (3) transfecting the expression plasmid constructed in the step (2) into CHO cells, and (4) harvesting the exogenous protein.
WO 2021151897 A1 20210805	Ceva Sante Animale	France	Veterinary anti-prolactin composition for ruminants used by intramammary administration
US 2020338183 A1 20201029	Altimune Inc	USA	Rapid and prolonged immunologic therapeutic
CN 113136353 A 20210720	(Tong-N) Tonghua Wanying Biotechnology Co Ltd	China	Microorganism preparation comprises 70 pts. Wt. Lactic acid bacteria fermentation liquid, 5 pts. Wt. Yeast flora fermentation liquid, 10 pts. Wt. Photosynthetic bacteria fermentation liquid, 10 pts. Wt. Actinomycetefermentation liquid and 5 pts. Wt. Linear flora fermentation liquid.
WO 2021116227 A1 20210617	Institute Of Tech Sligo	Ireland	Antimicrobial composition
WO 2021116228 A1 20210617	Institute Of Tech Sligo	Ireland	Antimicrobial composition
CN 112870359 A 20210601	Suzhou Inst Of Systems Medicine	China	TRIM41 inhibitor and anti-inflammatory effect and application thereof
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav system and uses thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113018425 A 20210625	(Anim-N) Animal Husbandry & Veterinary Inst Hubei	China	Dual pentavalent inactivated vaccine useful to prevent and treat Mycoplasma hyopneumoniae and e.g. Haemophilus parasuis type 4 related diseases, has e.g. Inactivated Mycoplasma hyopneumoniae and Haemophilus parasuis serotype antigens
WO 2021145720 A1 20210722	Univ Korea Res & Business Foundation Sejong Campus	South Korea	Antigen composition for preventing or treating viral infectious diseases
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Instatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporium gypseum, and medical pathogens including Staphylococcus aureus subsp. Aureus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
KR 20210099313 A 20210812	Choongang Biotech Co Ltd	South Korea	Composition for preventing and treating respiratory disease of livestock animal and treating method using the same
CN 113230394 A 20210810	(Guan-N) Guangzhou Yuanbo Medical Technology Co	China	Useful for preventing and controlling bovine viral diarrhea
WO 2021158517 A1 20210812	Curemast Inc	USA	Compositions and methods of use thereof for treatment of mastitis
WO 2021168186 A1 20210826	Bartee Eric	USA	Recombinant myxoma viruses and uses thereof
	Mousses Spyro		
	Moreno Ramon		
CN 113244414 A 20210813	(Uysw) Univ Southwest	China	Diagnosing Brucella bovis
CN 113244220 A 20210813	(Sich-N) Sichuan Yuqiang Technology Co Ltd	China	Use of potassium dehydroandrographolide succinate in preparing veterinary medicine for treating bovine mastitis or livestock enteritis
CN 113018283 A 20210625	(Uyxa) Univ Xinjiang Agric	China	Preventing and/or treating bovine viral diarrhea virus infection

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2021214728 A1 20210715	Sixfold Bioscience Ltd	United Kingdom	Compositions for delivery of cargo to cells
CN 113025534 A 20210625	(Fosh-N) Foshan Nanhai Eastern Along Pharm Co Ltd	China	In animal breeding and production of livestock and aquatic products, it can be used as probiotic strains or feed microbial additives to reduce the use of antibiotics and improves the disease resistance of animals.
CN 113040094 A 20210629	(Ucag) Univ China Agricultural	China	The constructed model simulates the pathological changes in the mammary glands of dairy cows when M.bovisdairy cow mastitis occurs clinically, and has excellent repeatability and convenience.
CN 113171337 A 20210727	(Utar) Univ Tarim	China	The veterinary cefquinome nanogel is used for treatment of dairy cow mastitis and inhibiting pathogenic bacteria.
CN 113174374 A 20210727	(Uysw-N) Univ Southwest Minzu	China	The attenuated strain of bovine viral diarrhea virus is useful for preparing bovine viral diarrhea virus vaccine, preferably monovalent vaccine, multivalent vaccine, or multiple vaccine and preparing diagnostic reagent
US 2021176996 A1 20210617	Beneficial Biome Solutions Inc	USA	Enhanced non-horticulture food supply bio-security system
WO 2021127423 A1 20210624	Veri Nano Inc	USA	Nanostructured binary gel composition and use thereof
WO 2021146719 A1 20210722	Univ Texas	USA	T-cell death associated gene 8 (tdag8) modulation to enhance cellular cancer therapies
CN 112876543 A 20210601	Univ South China Agriculture	China	The mccy has antibacterial activity against a small number of Salmonella entericaserovar pullorum, S.entericaserovar typhimurium, S.entericaserovar Kentucky, S.entericaserovar infantis and S.entericaserovar London, preferably S.entericaserovar typhimurium
WO 112876543 A1 20210708	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021158714 A1 20210812	Natural Extraction Sys Llc	USA	Compositions and methods related to cannabinoid anions

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021163620 A1 20210819	The Administrators Of The Tulane Educational Fund	USA	Peptide compositions and methods of use thereof
WO 2021163786 A1 20210826	Avivagen Inc	Canada	Supplemented animal feeds for mammals
CN 112979789 A 20210618	(Bjaf) Beijing Acad Agric & Forestry Sci	China	New monoclonal antibody useful for detecting neutrali- zing antibodies of bovine in- fectious rhinotracheitis virus
WO 2021153979 A1 20210805	Genexine Inc	South Ko- rea	Fusion protein comprising anti-taa antibody, anti-pd-l1 antibody, and il-2, and uses thereof
WO 2021158534 A1 20210812	Seattle Childrens Hos- pital Dba Seattle Chil- drens Res Inst	USA	Methods and compositions for stimulation of chimeric antigen receptor t cells with hapten labelled cells
US 2021221881 A1 20210722	Wisconsin Alumni Res Found	USA	Interleukin-10 receptor-2 peptides, antibodies, com- positions, and methods of use thereof
US 2021228624 A1 20210729	Purina Animal Nutrition Llc	USA	Animal feed products con- taining percarbonate and methods of feeding same
WO 2021141828 A1 20210715	Assembly Biosciences Inc	USA	Compositions compri- sing bacterial species and methods related thereto
WO 2021155195 A1 20210805	Univ Georgetown	USA	Compositions and methods for treating neurodegenera- tive, neurodevelopmental, myodegenerative, and lyso- somal storage disorders
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular rna compositions and methods
WO 2021141974 A2 20210715	Wu Fan	USA	Combination cancer therapy using chk inhibitor
CN 112979789 B 20210727	(Bjaf) Beijing Acad Agric & Forestry Sci	China	Monoclonal antibody useful for detecting neutralizing antibodies of bovine infec- tious rhinotracheitis virus
CN 113081968 A 20210709	(Taiz-N) Taizhou Jun- dao Litong Biotechno- logy Co	China	The oral gel powder is used for treating livestock and poultry diseases, where the livestock and poultry disea- ses are livestock and poultry bacterial diseases or lives- tock and poultry parasitic diseases (claimed).
WO 2021170600 A1 20210902	Univ Leuven Kath	Belgium	Pyrrolopyridine and imida- zopyridine antiviral com- pounds

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112870154 A 20210601	Univ Sichuan Agricultural	China	Veterinary compound celecoxib nano-liposome gel and preparation method thereof
WO 2021120805 A1 20210624	Univ Yangzhou	China	Preparation of serum diagnostic kit of listeria monocytogenes serotype 4h and use thereof
WO 2021155279 A1 20210805	Univ Washington Shriners Hospitals Children	USA	Compositions and methods for regulating fatty acids
WO 2021145798 A2 20210722	Obshchestvo S Ogranichennoi Otvetstvennostiu Gero	Rusia	Methods of biological age evaluation and systems using such methods
WO 2021145798 A3 20210826	Obshchestvo S Ogranichennoi Otvetstvennostiu Gero	Rusia	Methods of biological age evaluation and systems using such methods
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
JP 2021130670 A 20210909	(Enzy-N) Enzychem Lifesciences Corp	Japan	Pharmaceutical composition and health functional food composition useful for preventing or treating hepatitis
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Lactic acid bacteria with bacteriostatic and antioxidant activity and application thereof
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
WO 2021138721 A1 20210715	Univ Queensland	Australia	Self-assembling, self-adjuvanting system for delivery of vaccines
WO 2021162206 A1 20210819	Microbiotix Co Ltd	South Korea	Composition for hair loss prevention or treatment comprising hair follicle tissue culture medium
WO 2021170193 A1 20210902	Sahebi Suekrueye	Denmark	Composition comprising egg yolk and burnt cereal powder for wound healing
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions including probiotic bacteria for the expression and secretion of enterocins to control clostridia perfringens-induced necrotic enteritis in livestock and related methods



VT Ovino y Caprino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 213525099 U 20210625	(Sunp-I) Sun P	China	Monitoring device for adult goat viral arthritis. Belonging to the technical field of goat disease monitoring, in order to solve the problem that goat viral arthritis cannot be found in time when the goat joint, resulting in disease cannot be found in time.
JP 2021127334 A 20210902	(Brus-N) Brush Biotech Llc	USA	Composition used as vaccine for reducing severity and/or duration of mastitis in milk-producing animals e.g. Dairy cows and beef cattle buffaloes, goats, sheep, camels, yaks, horses, reindeer, donkeys, and sows (claimed). The composition is also used for preventing or treating mastitis.
CN 112898361 A 20210604	(Uyzz) Univ Zhengzhou	China	New 5-o-mycaminoglycosyl tyronolide derivative or salt containing quinoline at position 20 and amino group or other substituents at position 23 used for treating chronic respiratory diseases of livestock and poultry
CN 112920976 A 20210608	(Jsas) Jiangsu Agric Sci Inst	China	Sheep Mycoplasma ovipneumoniae strain NJ01 used for establishing pathogenesis model of Mycoplasma ovipneumoniae infection, and preparing medicine, preferably vaccine or antiserum for treating sheep Mycoplasma ovipneumoniae

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112933221 A 20210611	(Chen-I) Chen J	China	Immune complex vaccine is used for preventing viral disease. The virus disease is Herpesviridae, Papillomaviridae, Flaviviridae, Orthomyxoviridae, Paramyxoviridae, Parvoviridae, small RNA virus (Picornaviridae), Rhabdoviridae, Reoviridae, Bunyaviridae, Caliciviridae, a Togaviridae, Coronaviridae.
CN 112972667 A 20210618	(Guag) Guangxi Zhuang Australiatonomous Region Inst	China	Goat Mycoplasma pneumonia dual inactivated vaccine comprises Mycoplasma ovipneumoniae, Mycoplasma Mycoplasma goat subspecies and propolis adjuvant
EP 3851116 A1 20210721	Phytobiotics Futterzusatz- stoffe Gmbh	Germany	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021122896 A1 20210624	Intervet Int Bv	Netherlands	Cryptosporidiosis vaccine
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof
CN 112851770 A 20210528	Univ Army Medical	China	Alpha-hemolysin antigen epitope peptide for diagnosing or preventing and treating staphylococcus Australiareus infection and application of alpha-hemolysin antigen epitope peptide
FR 3105730 A1 20210702	Nolivade	France	Use of composition comprising at least one strain of Bacillus, preferably Bacillus subtilis for preventing and/or treating mastitis induced by pathogenic microorganisms, preferably pathogenic bacteria e.g. Escherichia coli in cattle

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113087781 A 20210709	(Beij-N) Beijing Shihua Kangyuan Biotechnology Co	China	Antibacterial peptide for preparing medicine for treating disease, such as piglet diarrhea caustralia- sed by bacterial infection of livestock and poultry, and for preparing pig feed additives and pig feed, comprises amino acid se- quence
WO 2021170600 A1 20210902	Univ Leuven Kath	Belgium	Pyrrlopyridine and imida- zopyridine antiviral com- pounds
CN 113186169 A 20210730	(Uyji) Univ Jilin First Hos- pital	China	New Strain of Serratia marcescens vb()sams- WG03 bacteriophage use- ful in preparing medicine for preventing or treating infectious disease caustra- liased by Serratia marces- cens and pseudo conjuga- ted Yersinia
CN 112870154 A 20210601	Univ Sichuan Agricultural	China	Veterinary compound ce- lecoxib nano-liposome gel and preparation method thereof
WO 2021135178 A1 20210708	China Immunotech Beijing Biotechnology Co Ltd	China	Enhanced t-cell receptor star and application the- reof
WO 2021151897 A1 20210805	Ceva Sante Animale	France	Veterinary anti-prolactin composition for ruminants used by intramammary administration
WO 2021116227 A1 20210617	Institute Of Tech Sligo	Ireland	Antimicrobial composition
WO 2021116228 A1 20210617	Institute Of Tech Sligo	Ireland	Antimicrobial composition
CN 112870359 A 20210601	Suzhou Inst Of Systems Medicine	China	TRIM41 inhibitor and anti- inflammatory effect and application thereof
WO 2021146582 A1 20210722	Australianited Kingdomio- me Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav sys- tem and uses thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021120805 A1 20210624	Univ Yangzhou	China	Preparation of serum diagnostic kit of listeria monocytogenes serotype 4h and use thereof
CN 113201050 A 20210803	(Qing-N) Qingdao No-Antibiotics Biotechnology Co - (Qing-N) Qingdao No-Antibiotics Biotechnology	China	Separated Staphylococcus Australiareus perforin protein used in preparing medicine for treating mycoplasma infection disease and anti-mycoplasma preparation
	(Qing-N) Qingdao No-Antibiotics Biotechnology Co		
CN 113018425 A 20210625	(Anim-N) Animal Husbandry & Veterinary Inst Hubei	China	Dual pentavalent inactivated vaccine useful to prevent and treat Mycoplasma hyopneumoniae and e.g. Haemophilus parasuis type 4 related diseases, has e.g. Inactivated Mycoplasma hyopneumoniae and Haemophilus parasuis serotype antigens
WO 2021155279 A1 20210805	Univ Washington Shriners Hospitals Children	USA	Compositions and methods for regulating fatty acids
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Instatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporum gypseum, and medical pathogens including Staphylococcus Australiareus subsp. Australiareus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
KR 20210099313 A 20210812	Choongang Biotech Co Ltd	South Korea	Composition for preventing and treating respiratory disease of livestock animal and treating method using the same
WO 2021158517 A1 20210812	Curemast Inc	USA	Compositions and methods of use thereof for treatment of mastitis
CN 113244220 A 20210813	(Sich-N) Sichuan Yuqiang Technology Co Ltd	China	Use of potassium dehydroandrographolide succinate in preparing veterinary medicine for treating bovine mastitis or livestock enteritis

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2021214728 A1 20210715	Sixfold Bioscience Ltd	United Kingdom	Compositions for delivery of cargo to cells
CN 113025534 A 20210625	(Fosh-N) Foshan Nanhai Eastern Along Pharm Co Ltd	China	In animal breeding and production of livestock and aquatic products, it can be used as probiotic strains or feed microbial additives to reduce the use of antibiotics and improves the disease resistance of animals.
WO 2021127423 A1 20210624	Veri Nano Inc	USA	Nanostructured binary gel composition and use thereof
CN 112876543 A 20210601	Univ South China Agricult	China	The mccy has antibacterial activity against a small number of Salmonella entericaserovar pullorum, S.entericaserovar typhimurium, S.entericaserovar, S.entericaserovar infantis and S.entericaserovar London, preferably S.entericaserovar typhimurium
WO 2021158714 A1 20210812	Natural Extraction Sys Llc	USA	Compositions and methods related to cannabinoid anions
WO 2021163620 A1 20210819	The Administrators Of The Tulane Educational Fund	USA	Peptide compositions and methods of use thereof
WO 2021163786 A1 20210826	Avivagen Inc	Canada	Supplemented animal feeds for mammals
CN 112870341 A 20210601	Lanzhou Veterinary Res Inst Caas	China	Goat contagious pleuropneumonia subunit vaccine as well as preparation method and application thereof
US 2021221881 A1 20210722	Wisconsin Alumni Res Found	USA	Interleukin-10 receptor-2 peptides, antibodies, compositions, and methods of use thereof
US 2021228624 A1 20210729	Purina Animal Nutrition Llc	USA	Animal feed products containing percarbonate and methods of feeding same
CN 112891525 A 20210604	Lanzhou Veterinary Res Inst Caas	China	Application of mycoplasma capricolum subsp. Capripneumoniae Mccp1801 in preparation of contagious caprine pleuropneumonia vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular RNA compositions and methods
WO 2021145798 A2 20210722	Obshchestvo S Ograni- chennoi Otvetstvennosti Gero	Russian Federation	Methods of biological age evaluation and systems using such methods
WO 2021145798 A3 20210826	Obshchestvo S Ograni- chennoi Otvetstvennosti Gero	Russian Federation	Methods of biological age evaluation and systems using such methods
CN 112870341 B 20210914	Lanzhou Veterinary Res Inst Caas	China	Goat contagious pleurop- neumonia subunit vac- cine as well as preparation method and application thereof
CN 113081968 A 20210709	(Taiz-N) Taizhou Jundao Litong Biotechnology Co	China	The oral gel powder is used for treating lives- tock and poultry diseases, where the livestock and poultry diseases are lives- tock and poultry bacterial diseases or livestock and poultry parasitic diseases (claimed).
WO 2021180740 A1 20210916	Nestle Sa	Switzer- land	Compositions and methods containing reduced nico- tinamide riboside for pre- vention and treatment of lung diseases and condi- tions
CN 113040269 A 20210629	(Huna-N) Hunan Jianyuan Bio-Tech Co Ltd	China	The fermented Chine- se herbal medicinal feed additive is useful as anti- diarrhea feed additive for livestock and poultry. The livestock and poultry are piglets including piglets in farrowing house and weaning and nursery pi- glets (all claimed). The feed additive is also used for improving immunity and disease resistance of piglets, regulating animal intestinal microecological balance, and repairing in- testinal mucosal damage.
WO 2021145720 A1 20210722	Univ Korea Res & Business Foundation Sejong Cam- pus	South Korea	Antigen composition for preventing or treating vi- ral infectious diseases
WO 2021168186 A1 20210826	Bartee Eric	USA	Recombinant myxoma vi- ruses and uses thereof
	Mousses Spyro		
	Moreno Ramon		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2021176996 A1 20210617	Beneficial Biome Solutions Inc	USA	Enhanced non-horticulture food supply bio-security system
WO 2021146719 A1 20210722	Univ Texas	USA	T-cell death associated gene 8 (tdag8) modulation to enhance cellular cancer therapies
WO 112876543 A1 20210708	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021153979 A1 20210805	Genexine Inc	South Korea	Fusion protein comprising anti-taa antibody, anti-pd-l1 antibody, and il-2, and uses thereof
WO 2021158534 A1 20210812	Seattle Childrens Hospital Dba Seattle Childrens Res Inst	USA	Methods and compositions for stimulation of chimeric antigen receptor t cells with hapten labelled cells
WO 2021141828 A1 20210715	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021155195 A1 20210805	Univ Georgetown	USA	Compositions and methods for treating neurodegenerative, neurodevelopmental, myodegenerative, and lysosomal storage disorders
WO 2021141974 A2 20210715	Wu Fan	USA	Combination cancer therapy using chk inhibitor
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
JP 2021130670 A 20210909	(Enzy-N) Enzychem Lifesciences Corp	China	Pharmaceutical composition and health functional food composition useful for preventing or treating hepatitis
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Lactic acid bacteria with bacteriostatic and antioxidant activity and application thereof
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
WO 2021138721 A1 20210715	Univ Queensland	Australia	Self-assembling, self-adjuvanting system for delivery of vaccines

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021162206 A1 20210819	Microbiotix Co Ltd	South Korea	Composition for hair loss prevention or treatment comprising hair follicle tissue culture medium
WO 2021170193 A1 20210902	Sahebi Suesouth Koreae-ye	Denmark	Composition comprising egg yolk and burnt cereal powder for wound healing
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions including probiotic bacteria for the expression and secretion of enterocins to control clostridia perfringens-induced necrotic enteritis in livestock and related methods

VT Porcino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 202111022 A1 20210610	Consejo Superior Investigación	Spain	Compuestos sulfurados derivados de fenilhidrazidas como agentes antivirales, en particular, para el uso en tratamiento y/o prevención de la enfermedad provocada por el virus del Ébola (EBOV), la peste porcina africana (PPA) y/o el coronavirus.
	Fundacion Para La Investigación Biomedica Hospital 12 De Octubre		
	Instituto Nacional De Investigación Y Tecnología Agraria Y Alimentaria INIA		
WO 2021178844 A1 20210910	Altimmune Inc	USA	The immunogenic composition is useful as vaccine, or in formulation for preparing medicament for inducing a protective immune response against Flavivirus infection in the mammalian subject, or treating or preventing Flavivirus infection. The Flavivirus is Zika virus (ZIKV), a dengue virus, a Japanese encephalitis virus, a West Nile virus or a Yellow fever virus. The immune response is cell-mediated and humoral immune response.
	St Louis Univ		
WO 2021176234 A1 20210910	The Pirbright Inst	United Kingdom	Vaccine against african swine fever virus infection
	Univ Kumamoto	Japan	
	Univ Of Oxford	United Kingdom	
WO 2021176235 A1 20210910	The Pirbright Inst	United Kingdom	Vaccine against african swine fever virus infection
TW 202039530 A 20201101	Agricultural Tech Res Inst	Taiwan	Recombinant protein for preventing swine fever virus infection and composition and cell comprising the same
WO 2021130502 A1 20210701	Eco Animal Health Ltd	United Kingdom	Cd163 antibodies or binding proteins

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113082049 A 20210709	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Use of potassium iodide in preparing medicines for prevention of African swine fever
CN 112898361 A 20210604	(Uyzs) Univ Zhengzhou	China	New 5-o-mycaminoglycosyl tylosin derivative or salt containing quinoline at position 20 and amino group or other substituents at position 23 used for treating chronic respiratory diseases of livestock and poultry
CN 113082088 A 20210709	(Cags) Caas Lanzhou Husbandry & Pharm Sci Inst	China	Preparing polygonum capitatum extract used for preparing medicine for inhibiting e.g. Salmonella
CN 112843043 A 20210528	Univ Huazhong Agricultural	China	Use of salinomycin or its derivative or structural analog for preparing anti-coronavirus medicine against porcine transmissible gastroenteritis virus
CN 112933066 A 20210611	(Uhza) Univ Huazhong Agric	China	Use of calmodulin-dependent protein kinase II inhibitor KN-93 in inhibiting porcine reproductive and respiratory syndrome virus infection in vitro.
WO 2021110177 A1 20210610	China Inspection Science Pharmaceutical Beijing Group Co Ltd	China	Rhein derivative and anti-viral use thereof
CN 113058032 A 20210702	(Uhza) Wuhan Keqian Animal Biological Prod Co	China	Immunogenic composition for preparing vaccine for swine fever virus and/or porcine circovirus, comprises swine fever virus E2 protein, porcine pseudorabies virus gb and gd proteins, and porcine circovirus type 2
CN 113061588 A 20210702	(Mili-N) Military Veterinary Res Inst Pla Militar	China	New gene deleted attenuated African swine fever virus strain useful for preparing vaccine for protecting susceptible pigs
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
CN 113073086 A 20210706	(Uscg) Univ South China Agric	China	New African swine fever virus gene-deleted strain
KR 20210101622 A 20210819	Industrial Cooperation Foundation Jeonbuk National Univ/ Komipharm Int Co Ltd	South Korea	Vaccine composition of novel inactivated Actinobacillus pleuropneumoniae bacteria serotypes 1 2 5 7 10 12 and 15

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021127463 A1 20210624	Vivaldi Biosciences Inc	USA	Novel prime-boost influenza vaccine
CN 113215108 A 20210806	(Ugct) Univ Guangxi Chinese Medicine First Affi	China	Porcine reproductive and respiratory syndrome virus useful in preparation of recombinant virus or genetic engineering vaccine
JP 2021130670 A 20210909	(Enzy-N) Enzychem Lifesciences Corp	China	Pharmaceutical composition and health functional food composition useful for preventing or treating hepatitis
CN 112957460 A 20210615	(Jian-N) Jiangxi Zhengbang Agric Sci Acad (Jian-N) Jiangxi Zhengbang Technology Co Ltd	China	Porcine circovirus, porcine pseudorabies virus and mycoplasma triple inactivated vaccine, comprises porcine circovirus type 2 antigen, porcine pseudorabies virus antigen and mycoplasma antigen and vaccine adjuvant
CN 113004390 A 20210622	(Chsc-N) Chinese Acad Sci Zoology Inst	China	Use of disintegrin and metalloprotease 17 having specific amino acid sequence as swine fever virus receptor, and for preparation or screening of vaccines for prevention of swine fever
CN 113080962 A 20210709	(Tang-N) Tangshan Yian Bioengineering Co Ltd (Zhan-I) Zhang Y	China	Blood collecting device for African swine fever detection
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof
WO 2021180740 A1 20210916	Nestle Sa	Switzerland	Compositions and methods containing reduced nicotinamide riboside for prevention and treatment of lung diseases and conditions
CN 113087781 A 20210709	(Beij-N) Beijing Shihua Kangyuan Biotechnology Co	China	Antibacterial peptide for preparing medicine for treating disease, such as piglet diarrhea caused by bacterial infection of livestock and poultry, and for preparing pig feed additives and pig feed, comprises amino acid sequence
WO 2021175250 A1 20210910	Aptorum Therapeutics Ltd	China	Compounds and methods for treating diseases and/or conditions caused by coronavirus

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113215192 A 20210806	(Ugct) Univ Guangxi Chinese Medicine First Affi	China	Constructing porcine reproductive and respiratory syndrome virus double-marker gene recombinant strain useful for preparing gene engineering vaccine
WO 2021170093 A1 20210902	Univ Shanghai Tech	China	Application of disulfiram in coronavirus resistance
CN 112915215 A 20210608	(Qlph) Qilu Animal Health Prod Co Ltd	China	Efficiency testing method of an inactivated vaccine against Senecavirus A in mice by vaccinating mice with inactivated vaccine against Senecavirus A
WO 2021127617 A1 20210624	Wistar Inst	USA	Vaccines against african swine fever virus, and methods of using same
WO 2021125982 A1 20210624	Farm Veterinarios Sac	Peru	Salmonella enteritidis recombinante y su uso como vacuna porcina
WO 2021169957 A1 20210902	Univ Shanghai Tech	China	Application of n-substituted pyridyl benzisoseleazolone compound
CN 113061582 A 20210702	(Jsas) Jiangsu Agric Sci Inst	China	Phage composition for inhibiting and/or eliminating Clostridium perfringens, Salmonella, Escherichia coli and/or Shigella flexneri
CN 113087790 A 20210709	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Anti-African swine fever P72 protein single domain antibody in preparing medicine for inhibiting African swine fever virus infection
WO 2021170600 A1 20210902	Univ Leuven Kath	Belgium	Pyrrolopyridine and imidazopyridine antiviral compounds
CN 112920268 A 20210608	(Uyhr) Univ Henan Agric	China	Nano-antibody p54-Nb83 in preparing the product for detecting anti-african swine fever virus antibody
CN 113186169 A 20210730	(Uyji) Univ Jilin First Hospital	China	New Strain of Serratia marcescens vb()sams-WG03 bacteriophage useful in preparing medicine for preventing or treating infectious disease caused by Serratia marcescens and pseudo conjugated Yersinia

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021146399 A1 20210722	Phibro Animal Health Corporation	USA	Compositions comprising a novel mammalian orthoreovirus and methods for making and using
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Lactic acid bacteria with bacteriostatic and antioxidant activity and application thereof
CN 113215109 A 20210806	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Functional preparation of attenuated African swine fever virus strain or African swine fever vaccine
CN 113234682 A 20210810	(Shan-N) Shanghai Yake Biotech Co Ltd	China	Immune cell, comprising polynucleotide sequence encoding chimeric antigen receptor and CD7 blocking molecules for preventing CD7 protein from being transported and expressed on cell surface
CN 113265365 A 20210817	(Puli-N) Pulike Biological Eng Inc	China	The Escherichia coliis useful for expressing and preparing foreign proteins (all claimed) and in variety of veterinary vaccine proteins, preferably proteins derived from eukaryotes.
CN 113274406 A 20210820	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Use of manganese chloride in preparing medicine for preventing African swine fever
CN 113208768 A 20210806	(Wang-I) Wang C	China	Pig farm swine fever virus sample blood collecting device
CN 112870347 A 20210601	Jiangxi Zhengbang Tech Co Ltd/Jiangxi Zhengbang Acad Of Agricultural Sciences	China	Development method of porcine circovirus type 2d and porcine contagious pleuropneumonia bivalent inactivated vaccine
KR 20210087810 A 20210713	Choong Ang Vaccine Lab	South Korea	A novel vaccine composition for preventing and treating african swine fever virus
CN 113186120 A 20210730	(Uyji) Univ Jilin	China	Actinobacillus pleuropneumoniae to prevent and control porcine contagious pleuropneumonia
CN 113201507 A 20210803	(Zhej-N) Zhejiang Novo Biotechnology Co Ltd	China	Recombinant pseudorabies virus useful for vaccine or immune composition for preparing African swine fever vaccine

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112876559 A 20210601	Luoyang Putai Biotechnology Co Ltd	China	Monoclonal antibody specifically combined with porcine rotavirus and application thereof
CN 112899239 A 20210604	Univ Henan Agricultural	China	Hybridoma cell strain of monoclonal antibody resisting porcine delta coronavirus N protein epitope, antibody secreted by hybridoma cell strain and application of monoclonal antibody
CN 113136400 A 20210720	(Puli-N) Pulike Biological Eng Inc	China	Constructing Chinese hamster ovary (CHO) cells for efficiently expressing foreign proteins comprises (1) adding signal peptide sequence to the N-terminus of the exogenous protein sequence, (2) adding the exogenous protein sequence with the signal peptide sequence and joining Fc sequence together by fusion to construct expression plasmid, (3) transfecting the expression plasmid constructed in the step (2) into CHO cells, and (4) harvesting the exogenous protein.
US 2020338183 A1 20201029	Altimmune Inc	USA	Rapid and prolonged immunologic therapeutic
KR 20210089975 A 20210719	Respectbio Inc	South Korea	2 2 2 gene for coding pcv2 orf2 protein and method for manufacturing pcv2 vaccine using the gene
CN 112898435 A 20210604	Univ Shanxi Agricultural	China	Soluble fusion protein DT390-Cap, and preparation method and application thereof
CN 112891527 A 20210604	Univ Fujian Agriculture & Forestry	China	Application of African swine fever virus I226R gene
CN 113133995 A 20210720	(Uahe) Univ Henan Animal Husbandry & Economy	China	Use of inhibitor CNI-1493 in porcine reproductive and respiratory syndrome to inhibit proliferation of Porcine reproductive and respiratory syndrome virus in eukaryotic cells
CN 112876570 A 20210601	Biotechnology Res Inst Caas	China	African swine fever virus vaccine and preparation method thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112870359 A 20210601	Suzhou Inst Of Systems Medicine	China	TRIM41 inhibitor and anti-inflammatory effect and application thereof
CN 112898419 A 20210604	(Guan-N) Guangdong Yongshun Biological Pharm Co	China	Monoclonal antibody useful e.g. In preparation of enzyme-linked immunosorbent assay (elisa) kit for porcine reproductive and respiratory syndrome virus (prsv) detection and in preparation of medicine for treating prsv infection
CN 113136356 A 20210720	(Uyfs) Univ Foshan (Guan-N) Guangdong Yongshun Biological Pharm Co	China	New recombinant Streptococcus useful in preparation of medicine for immunizing porcine circovirus type 2 and/or Streptococcus, is obtained by e.g. Inserting coding sequence of porcine circovirus type-2 into Streptococcus
US 11103576 B1 20210831	Univ Of Pittsburgh—Of The Commonwealth System Of Higher Education	USA	Measles virus vaccine expressing SARS-COV-2 protein(s)
CN 112870342 A 20210601	Jofunhwa Bio Tech Nanjing Co Ltd	China	Preparation method of haemophilus parasuis trivalent inactivated vaccine
	Jofunhwa Biotechnology Fuzhou Co Ltd		
	Beijing Kemufeng Biological Pharmaceutical Co Ltd		
	Jofunhwa Bio Tech Nanjing Co Ltd Beijing Bio Pharmacy Tech Center		
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
AU 2021103210 A4 20210729	Yang Jinlong	Australia	Probiotic liquid with fermented traditional chinese medicines for preventing african swine fever in resumption of pig breeding, preparation method therefor and use thereof
CN 113215019 A 20210806	(Uyzz) Univ Zhengzhou	China	New Enterococcus faecalis PF95 useful for inhibiting enterotoxigenic Escherichia coli (K88) and bacteria e.g. Salmonella enterica, Staphylococcus aureus and Pseudomonas aeruginosa

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113265006 A 20210817	(Cags) Lanzhou Veterinary Res Inst China Agric	China	New fusion protein 3AN, useful e.g. For capturing porcine reproductive and respiratory syndrome virus nucleocapsid protein antibody, and immunological detection of porcine reproductive and respiratory syndrome virus infection
CN 112877300 A 20210601	Univ China Agricultural	China	Preparation of G4 type Eurasian avian H1N1 swine influenza virus inactivated vaccine
CN 112946285 A 20210611	(Guan-N) Guangdong Yongshun Biological Pharm Co	China	Enzyme-linked immunosorbent assay kit useful for detecting highly pathogenic porcine reproductive and respiratory syndrome virus infection
CN 113117062 A 20210716	(Jian-N) Jiangxi Zhengbang Agric Sci Acad/(Jian-N) Jiangxi Zhengbang Technology Co Ltd	China	Preparing porcine circovirus type 2d inactivated vaccine
CN 113197894 A 20210803	(Uywu) Univ Wuhan	China	Use of obatoclax mesylate (I) or its derivative is claimed in preparation of medicine for preventing or treating coronavirus.
CN 113201050 A 20210803	(Qing-N) Qingdao No-Antibiotics Biotechnology Co - (Qing-N) Qingdao No-Antibiotics Biotechnology Co (Qing-N) Qingdao No-Antibiotics Biotechnology Co	China	Separated Staphylococcus aureus perforin protein used in preparing medicine for treating mycoplasma infection disease and antimycoplasma preparation
WO 2021165436 A1 20210826	Dsm Ip Assets Bv	Netherlands	Prevention of viral transmission through feed
CN 113018425 A 20210625	(Anim-N) Animal Husbandry & Veterinary Inst Hubei	China	Dual pentavalent inactivated vaccine useful to prevent and treat Mycoplasma hyopneumoniae and e.g. Haemophilus parasuis type 4 related diseases, has e.g. Inactivated Mycoplasma hyopneumoniae and Haemophilus parasuis serotype antigens
CN 113122511 A 20210716	(Cags) Caas Shanghai Veterinary Res Inst/(Uscg) Univ South China Agric/ (Jiny-N) Jinyu Baoling Bio Pharm Co Ltd	China	New gene-deleted attenuated African swine fever virus strain lacking CD2V gene, Multigene family 360 (MGF360) (12L, 13L, 14L) and I177L gene fragment useful in preparing attenuated live vaccine of African swine fever virus

N° de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021145720 A1 20210722	Univ Korea Res & Business Foundation Sejong Campus	South Korea	Antigen composition for preventing or treating viral infectious diseases
CN 113248574 A 20210813	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Use of molecular chaperones, recombinant vectors containing molecular chaperones and microorganisms containing molecular chaperones in promoting expression of type A Seneca virus structural protein and preparing Seneca virus disease vaccine
CN 113116893 A 20210716	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Use of deleting or silencing 8-oxoguanine DNA glycosylase gene in host cells in animal breeding against African swine fever virus
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Instatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporum gypseum, and medical pathogens including Staphylococcus aureus subsp. Aureus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
CN 113181356 A 20210730	(Uyhe-N) Univ Heibei Normal	China	Preparing porcine reproductive and respiratory syndrome and Mycoplasma hyopneumoniae dual polypeptide vaccine
KR 20210099313 A 20210812	Choongang Biotech Co Ltd	South Korea	Composition for preventing and treating respiratory disease of livestock animal and treating method using the same
CN 113018426 A 20210625	(Anim-N) Animal Husbandry & Veterinary Inst Hubei	China	New combined strain useful for preparing Haemophilus parasuis vaccine
CN 113024666 A 20210625	(Uyyz) Univ Yangzhou	China	Monoclonal antibodies 3D4 and 4B9 having broad-spectrum recognition of influenza A virus NP proteins of different subtypes and different host sources
CN 113151195 A 20210723	(Uhza) Wuhan Keqian Animal Biological Prod Co	China	Chimeric recombinant vaccine strain of porcine reproductive and respiratory syndrome
WO 2021168186 A1 20210826	Bartee Eric	USA	Recombinant myxoma viruses and uses thereof
	Mousses Spyro		
	Moreno Ramon		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113151187 A 20210723	(Uyna) Univ Nanjing Agric	China	Hybridoma cell line useful e.g. For secreting monoclonal antibodies for African swine fever virus
CN 113025629 A 20210625	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Use of genotype II African swine fever virus in preparing attenuated African swine fever virus strain or African swine fever vaccine
CN 113244390 A 20210813	(Uysw) Univ Southwest	China	Trilinked yolk antibody freeze-dried powder
CN 113024653 A 20210625	(Beij-N) Beijing Shihua Kangyuan Biotechnology Co	China	Porcine myeloid antibacterial peptide-23 variant useful for preparing feed additive and feed
CN 113150171 A 20210723	(Cags) Lanzhou Veterinary Res Inst China Agric	China	Preventing or treating African swine fever virus infection and kit for diagnosing African swine fever virus infection
CN 113150134 A 20210723	(Jsas) Jiangsu Agric Sci Inst	China	Antibody is specifically recognizing and binding to the N protein of the porcine delta coronavirus
CN 113234760 A 20210810	(Chan-N) Changsha Axybio Biotechnology Co Ltd	China	Recombinant type-5 adenovirus vector containing porcine reproductive and respiratory syndrome
CN 113018296 A 20210625	(Uyna) Univ Nanjing Agric	China	Use of melatonin in resisting porcine coronavirus, and treating porcine diarrhea caused by porcine transmissible gastroenteritis virus, porcine epidemic diarrhea virus and porcine Delta coronavirus
WO 2021132626 A1 20210701	Univ Hokkaido Nat Univ Corp/Neopharma Japan Co Ltd	Japan	Therapeutic and/or preventive agent for classical swine fever
CN 113150124 A 20210723	(Caiq) Chinese Acad Inspection & Quarantine	China	Antigen binding protein that specifically binds to the p72 protein of African swine fever virus useful for detecting African swine fever virus in a sample
CN 113106071 A 20210713	(Cags) Harbin Veterinary Res Inst Caas	China	Preparing swine fever marker vaccine
WO 2021154055 A1 20210805	Biopoa Inc/Republic Korea Animal & Plant Quarantine Agency	South Korea	Mutant strain of european porcine reproductive and respiratory syndrome virus and vaccine composition comprising same

Nº de Publicación	Solicitante	País de origen	Contenido técnico
EP 3871690 A1 20210901	Technische Hochschule Mittelhessen	Ger- many	Method for virus produc- tion
	Univ Eberhard Karls Tue- bingen		
US 2021214728 A1 20210715	Sixfold Bioscience Ltd	United Kingdom	Compositions for delivery of cargo to cells
CN 113025534 A 20210625	(Fosh-N) Foshan Nanhai Eastern Along Pharm Co Ltd	China	In animal breeding and production of livestock and aquatic products, it can be used as probiotic strains or feed microbial additives to reduce the use of anti- biotics and improves the disease resistance of ani- mals.
CN 113122549 A 20210716	(Uyfu) Univ Fudan	China	Preparing an African swine fever pseudovirus
CN 113150081 A 20210723	(Hena-N) Henan Acad Agric Sci Key Lab Animal Immu	China	Primer for constructing virus-type particles based on porcine circovirus 2b subtype
CN 113181154 A 20210730	(Cags) Lanzhou Veteri- nary Res Inst China Agric	China	Preparation of inhibitor of African swine fever virus p72 protein expression and medicine for preven- ting and/or treating African swine fever
CN 113151310 A 20210723	(Cags) Lanzhou Veteri- nary Res Inst China Agric	China	Attenuated African swine fever virus strain useful for preparing African swine fe- ver vaccine
WO 2021160163 A1 20210819	Evive Biotechnology Shanghai Ltd	China	Methods for prevention or treatment of virus-induced organ injury or failure with il-22 dimer
CN 113174354 A 20210727	(Unea) Univ Northeast Agric	China	Recombinant Lactobacillus reuteristrain which can ex- press lactoferrin peptide
US 2021244809 A1 20210812	Us Agriculture	USA	Development of a novel live attenuated african swi- ne fever vaccine based in the deletion of gene i177l

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112876543 A 20210601	Univ South China Agricult	China	The mccy has antibacterial activity against a small number of Salmonella entericaserovar pullorum, S.entericaserovar, S.entericaserovar Kentucky, S.entericaserovar infantis and S.entericaserovar London, preferably S.entericaserovar typhimurium
CN 113150079 A 20210723	(Caiq) Chinese Acad Inspection & Quarantine	China	Detection kit for African swine fever virus, comprises recombinant p72 protein
WO 2021158714 A1 20210812	Natural Extraction Sys Llc	USA	Compositions and methods related to cannabinoid anions
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
CN 113151171 A 20210723	(Taiz-N) Taizhou Tianlan Bioengineering Partnership Lp	China	Porcine alveolar macrophage healthy cell line useful for promoting virus replication, enhancing body's immune function, and treating cancer and inflammation in body, and used as immune enhancer
CN 112979765 A 20210618	(Ucag) Univ China Agricultural (Uyqi) Univ Tsinghua	China	African swine fever virus capsid protein P72 comprising a fully defined sequence of 646 amino acids
CN 112920266 A 20210608	(Caiq) Chinese Acad Inspection & Quarantine	China	Antigen binding protein capable of binding to p30 protein of African swine fever virus
US 2021221852 A1 20210722	Boehringer Ingelheim Animal Health Usa Inc	USA	Pcv2 orf2 protein variant and virus like particles composed thereof
US 2021221881 A1 20210722	Wisconsin Alumni Res Found	USA	Interleukin-10 receptor-2 peptides, antibodies, compositions, and methods of use thereof
US 2021228624 A1 20210729	Purina Animal Nutrition Llc	USA	Animal feed products containing percarbonate and methods of feeding same
WO 2021139810 A1 20210715	Univ Hong Kong	China	Recombinant viruses expressing alpha-1, 3-galactosyltransferase and uses thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113121681 A 20210716	(Shan-N) Shandong Best-care Biotechnology Co Ltd	China	Preventing and treating porcine epidemic diarrhea, comprises porcine epidemic diarrhea virus (PEDV) antibody and pro-inflammatory factor antibody
WO 2021138721 A1 20210715	Univ Queensland	Australia	Self-assembling, self-adjuvanting system for delivery of vaccines
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular rna compositions and methods
CN 112778310 A 20210511	Shanghai Inst Materia Medica Cas	China	Application of nucleoside analogue or combined preparation containing nucleoside analogue in virus resistance
	Wuhan Inst Virology Cas		
KR 102269257 B1 20210624	Univ Korea Res & Business Foundation Sejong Campus	South Korea	Antigen composition against orthomyxoviruses comprising influenza virus recombinant hemagglutinin monomeric protein multiple mutant protein
CN 113081968 A 20210709	(Taiz-N) Taizhou Jundao Litong Biotechnology Co	China	The oral gel powder is used for treating livestock and poultry diseases, where the livestock and poultry diseases are livestock and poultry bacterial diseases or livestock and poultry parasitic diseases (claimed).
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe GmbH	Germany	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
CN 113040269 A 20210629	(Huna-N) Hunan Jianyuan Bio-Tech Co Ltd	China	The fermented Chinese herbal medicinal feed additive is useful as anti-diarrhea feed additive for livestock and poultry. The livestock and poultry are piglets including piglets in farrowing house and weaning and nursery piglets (all claimed). The feed additive is also used for improving immunity and disease resistance of piglets, regulating animal intestinal microecological balance, and repairing intestinal mucosal damage.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113136353 A 20210720	(Tong-N) Tonghua Wanying Biotechnology Co Ltd	China	Microorganism preparation comprises 70 pts. Wt. Lactic acid bacteria fermentation liquid, 5 pts. Wt. Yeast flora fermentation liquid, 10 pts. Wt. Photosynthetic bacteria fermentation liquid, 10 pts. Wt. Actinomycete fermentation liquid and 5 pts. Wt. Linear flora fermentation liquid.
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav system and uses thereof
CN 113244220 A 20210813	(Sich-N) Sichuan Yuqiang Technology Co Ltd	China	Use of potassium dehydroandrographolide succinate in preparing veterinary medicine for treating bovine mastitis or livestock enteritis
US 2021176996 A1 20210617	Beneficial Biome Solutions Inc	USA	Enhanced non-horticulture food supply bio-security system
WO 2021146719 A1 20210722	Univ Texas	USA	T-cell death associated gene 8 (tdag8) modulation to enhance cellular cancer therapies
WO 112876543 A1 20210708	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021163786 A1 20210826	Avivagen Inc	Canada	Supplemented animal feeds for mammals
WO 2021153979 A1 20210805	Genexine Inc	South Korea	Fusion protein comprising anti-taa antibody, anti-pd-1 antibody, and il-2, and uses thereof
WO 2021158534 A1 20210812	Seattle Childrens Hospital Dba Seattle Childrens Res Inst	USA	Methods and compositions for stimulation of chimeric antigen receptor t cells with hapten labelled cells
WO 2021141828 A1 20210715	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
CN 112870154 A 20210601	Univ Sichuan Agricultural	China	Veterinary compound celecoxib nano-liposome gel and preparation method thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021155279 A1 20210805	Univ Washington Shriners Hospitals Children	USA	Compositions and methods for regulating fatty acids
WO 2021145798 A2 20210722	Obshchestvo S Ograni- chennoi Otvetstvennostiu Gero	Rusia	Methods of biological age evaluation and systems using such methods
WO 2021145798 A3 20210826	Obshchestvo S Ograni- chennoi Otvetstvennostiu Gero	Rusia	Methods of biological age evaluation and systems using such methods
WO 2021162206 A1 20210819	Microbiotix Co Ltd	South Korea	Composition for hair loss prevention or treatment comprising hair follicle tis- sue culture medium
WO 2021170193 A1 20210902	Sahebi Suekrueye	Den- mark	Composition comprising egg yolk and burnt ceral powder for wound healing
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions including probiotic bacteria for the expression and secretion of enterocins to control clos- tridia perfringens-induced necrotic enteritis in lives- tock and related methods



Nº de Publicación	Solicitante	País de origen	Contenido técnico
JP 2021123576 A 20210830	(Neop-N) Neopharma Japan Kk	Japan	Preventing or treating chicken coccidiosis
RU 2750865 C1 20210705	Federalnoe Gosudarstvennoe Byudzhethnoe Nauchnoe Uchrezhdenie Federalnyj Nauchnyj Tsentr Vserossijski	Russian Federation	Polyvalent inactivated vaccine against rimerellosis, pasteurellosis and salmonellosis of turkeys, ducks and geese, the method of its preparation
WO 2021178844 A1 20210910	Altimune Inc	USA	The immunogenic composition is useful as vaccine, or in formulation for preparing medicament for inducing a protective immune response against Flavivirus infection in the mammalian subject, or treating or preventing Flavivirus infection. The Flavivirus is Zika virus (ZIKV), a dengue virus, a Japanese encephalitis virus, a West Nile virus or a Yellow fever virus. The immune response is cell-mediated and humoral immune response.
	St Louis Univ		
CN 112852758 A 20210528	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Recombinant Newcastle disease virus for expressing avian infectious bronchitis virus S protein as well as preparation method and application of recombinant Newcastle disease virus
CN 112851610 A 20210528	Univ South China Agricult	China	Sesquiterpene derivative as well as preparation method and application thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112898361 A 20210604	(Uyzz) Univ Zhengzhou	China	New 5-o-mycaminoglycosyl tylonolide derivative or salt containing quinoline at position 20 and amino group or other substituents at position 23 used for treating chronic respiratory diseases of livestock and poultry
CN 113069502 A 20210706	(Chan-N) Changde Jizhi Biotechnology Co Ltd	China	Lysogenic biomimetic enzyme is useful in preparation of antiviral products against influenza virus, Enterovirus and coronavirus
WO 2021170193 A1 20210902	Sahebi Suekrueye	Denmark	Composition comprising egg yolk and burnt cereal powder for wound healing
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
CN 112891528 A 20210604	(Qing-N) Qingdao Yebio Bioengineering Co Ltd	China	Avian infectious bronchitis vaccine strain useful in preparation of vaccinating agent
WO 2021123104 A1 20210624	Intervet Int Bv	Netherlands	Multivalent hvt vector vaccine
	Intervet Inc	USA	
WO 2021133877 A1 20210701	Univ Iowa State Res Found Inc	USA	Control of histamine to promote health and control enterocolitis using probiotic compositions and/or histamine degrading enzymes
CN 113069442 A 20210706	(Guan-N) Guangdong Acad Agric Sci Animal Health	China	Medicine or feed for resisting coccidiosis
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe GmbH	Germany	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021171297 A1 20210902	Migal Galilee Res Institute Ltd	Israel	Compositions comprising Itb and pathogenic antigens, and use thereof
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113087781 A 20210709	(Beij-N) Beijing Shihua Kangyuan Biotechnology Co	China	Antibacterial peptide for preparing medicine for treating disease, such as piglet diarrhea caused by bacterial infection of livestock and poultry, and for preparing pig feed additives and pig feed, comprises amino acid sequence
WO 2021175250 A1 20210910	Aptorum Therapeutics Ltd	China	Compounds and methods for treating diseases and/or conditions caused by coronavirus
CN 112831474 A 20210525	Ruikemeng Qingdao Biological Eng Co Ltd	China	Salmonella bacteriophage RDP-NSA-19050 with wide lysis spectrum and application thereof
CN 112933074 A 20210611	(Guan-N) Guangdong Acad Agric Sci Animal Health	China	Medicine or feed for resisting coccidiosis, specifically Lingnan yellow broiler chicken coccidiosis
CN 113087778 A 20210709	(Ucag) Univ China Agricultural	China	Avian Chlamydia psittaci polytype outer membrane protein pmpg protein used for preparing combined vaccine for preventing and controlling infection of poultry Chlamydia, comprises immunogenic proteins
RU 2751602 C1 20210715	Federalnoe Gosudarstvennoe Byudzhethnoe Nauchnoe Uchrezhdenie Federalnyj Nauchnyj Tsentr Vserossijski	Russian Federation	System of measures to combat endo- and exogenous stages of coccidia of broiler chickens with the floor technology of their maintenance
WO 2021170093 A1 20210902	Univ Shanghai Tech	China	Application of disulfiram in coronavirus resistance
WO 2021169957 A1 20210902	Univ Shanghai Tech	China	Application of n-substituted pyridyl benzisoseleazolone compound
WO 2021183983 A2 20210916	Kemin Ind Inc	USA	A method for controlling clostridium infection in animals

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113061582 A 20210702	(Jsas) Jiangsu Agric Sci Inst	China	Phage composition for inhibiting and/or eliminating Clostridium perfringens, Salmonella, Escherichia coli and/or Shigella flexneri
CN 113186169 A 20210730	(Uyji) Univ Jilin First Hospital	China	New Strain of Serratia marcescens vb()sams-WG03 bacteriophage useful in preparing medicine for preventing or treating infectious disease caused by Serratia marcescens and pseudo conjugated Yersinia
CN 112877361 A 20210601	Qingdao Haihua Biopharmaceutical Tech Co Ltd	China	Recombinant Newcastle disease virus weak vaccine strain and construction method thereof
	Harrens Shandong Inspection Tech & Service Ltd		
CN 113265365 A 20210817	Puli-N) Pulike Biological Eng Inc	China	The Escherichia coliis useful for expressing and preparing foreign proteins (all claimed) and in variety of veterinary vaccine proteins, preferably proteins derived from eukaryotes.
CN 113135986 A 20210720	(Guan-N) Guangdong Acad Agric Sci Animal Health	China	Vaccine for preventing and treating Eimeria rumicifolium
CN 113209287 A 20210806	(Cags) Inst Environment & Sustainable Dev In Ag	China	Water-in-oil nano-vaccine adjuvant used for avian influenza H9N2 inactivated vaccine nanoemulsion, comprises surfactant, oil phase and stabilizer
CN 113307856 A 20210827	(Guan-N) Guangdong Acad Agric Sci Animal Health	China	New recombinant polypeptide useful in preparing medicine for controlling Eimeria maxima, preferably controlling chicken coccidiosis
CN 113136400 A 20210720	(Puli-N) Pulike Biological Eng Inc	China	Constructing Chinese hamster ovary (CHO) cells for efficiently expressing foreign proteins comprises (1) adding signal peptide sequence to the N-terminus of the exogenous protein sequence, (2) adding the exogenous protein sequence with the signal peptide sequence and joining Fc sequence together by fusion to construct expression plasmid, (3) transfecting the expression plasmid constructed in the step (2) into CHO cells, and (4) harvesting the exogenous protein.

Nº de Publicación	Solicitante	País de origen	Contenido técnico
US 2020338183 A1 20201029	Altimmune Inc	USA	Rapid and prolonged immunologic therapeutic
CN 113005099 A 20210622	(Jsas) Jiangsu Agric Sci Inst	China	Study of function and mechanism of Newcastle disease virus
CN 113264989 A 20210817	(Uyji) Univ Jilin	China	New H9N2 subtype avian influenza chimeric virus-type particles comprises HA protein of H9N2 subtype avian influenza virus and gag protein of mouse leukemia virus
CN 112891363 A 20210604	Inst Animal Health Guangdong Academy Agricultural Sciences	China	New application of vicienin 2 and vicienin 3
CN 113214366 A 20210806	(Cags) Caas Shanghai Veterinary Res Inst	China	Preparation of a Newcastle disease virus vaccine
CN 112898161 A 20210604	Univ South China Agricult	China	18-hydroxy octadecyl carbonate containing diphenyl ether unit as well as preparation method and application of 18-hydroxy octadecyl carbonate
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
CN 113201060 A 20210803	(Guan-N) Guangdong Acad Agric Sci Animal Health	China	Preventing and treating Eimeria brunetti, and controlling chicken coccidiosis
CN 113209130 A 20210806	(Hiqm-N) Hi-Q Marine Biotech Int Ltd	China	Application of fucoidan for preparing composition for reducing titer of avian influenza virus and/or inhibiting abnormal embryonic development caused by avian influenza virus infection
CN 112877300 A 20210601	Univ China Agricultural	China	Preparation of G4 type Eurasian avian H1N1 swine influenza virus inactivated vaccine
CN 113201050 A 20210803	(Qing-N) Qingdao No-Antibiotics Biotechnology Co- (Qing-N) Qingdao No-Antibiotics Biotechnology Co (Qing-N) Qingdao No-Antibiotics Biotechnology Co	China	Separated Staphylococcus aureus perforin protein used in preparing medicine for treating mycoplasma infection disease and anti-mycoplasma preparation
CN 113121679 A 20210716	(Jsas) Jiangsu Agric Sci Inst (Uzka) Univ Zhongkai Agric & Eng	China	Newcastle disease high immunized vitelline antibody

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113150083 A 20210723	(Shan-N) Shanxi Acad Advanced Res & Innovation	China	Preparation of composition for preventing and treating avian influenza
CN 113025583 A 20210625	(Uscg) Univ South China Agric	China	Preparing medicine for preventing and treating H5 subtype avian influenza virus
CN 113117066 A 20210716	(Uscg) Univ South China Agric	China	Preparing avian influenza chitosan nanoparticle vaccine
CN 113045670 A 20210629	(Uscg) Univ South China Agric	China	Preparing medicine for treating chicken viral diseases
CN 113151189 A 20210723	(Jsas) Jiangsu Agric Sci Inst	China	Inactivated vaccine useful for enhancing immunity and controlling occurrence of H9N2 avian influenza disease
CN 113024666 A 20210625	(Uyyz) Univ Yangzhou	China	Monoclonal antibodies 3D4 and 4B9 having broad-spectrum recognition of influenza A virus NP proteins of different subtypes and different host sources
CN 113122508 A 20210716	(Chen-N) Chengdu Tecbond Biological Prod Co Ltd (Shij-N) Shiji Biotechnology Nanjing Co Ltd	China	Chicken infectious bronchitis vaccine
CN 113248587 A 20210813	(Guan-N) Guangdong Acad Agric Sci Animal Health	China	Preparing medicine for preventing and treating Eimeria acervulina
CN 113121680 A 20210716	(Uscg) Univ South China Agric	China	Preparation of anti-avian influenza virus or antigen detection products, comprises amino acid sequence
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions including probiotic bacteria for the expression and secretion of enterocins to control clostridia perfringens-induced necrotic enteritis in livestock and related methods
CN 113024653 A 20210625	(Beij-N) Beijing Shihua Kangyuan Biotechnology Co	China	Preparing feed additive and feed for improving growth performance of animals and slow growth
CN 113249338 A 20210813	(Ruik-N) Ruikemeng Qingdao Biological Eng Co Ltd	China	Preventing or treating diseases or infection caused by Escherichia coli
CN 113041334 A 20210629	(Guiz-N) Guizhou Animal Husbandry & Veterinary	China	Feed additive useful in large-scale ecological chicken farming for treating coccidiosis

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113122509 A 20210716	(Iamv) Inst Animal & Veterinary Fujian Acad Agr	China	Laryngotracheitis virus strain useful in evaluating vaccine efficacy and evaluating different medicine or preventive treatment methods or testing efficacy of vaccines
WO 2021163666 A1 20210819	Sharma Arun K	USA	Small molecule regulators of notch1 and uses thereof
	Tyagi Ashish		
	Damodaran Chendil		
	Penn State Res Found		
CN 113234676 A 20210810	Univ South China Agric	China	Promoting proliferation of duck T cells
	Guangdong Acad Agric Sci Animal Health		
CN 113234689 A 20210810	(Iamv) Inst Animal & Veterinary Fujian Acad Agr	China	Protecting vaccine immune attack, and preventing and controlling chicken epidemics
CN 113105531 A 20210713	(Ucag) Univ China Agricultural	China	T cell antigen epitope polypeptide
CN 113249255 A 20210813	Qingdao Vland Biotech Group Co Ltd	China	Feed additive for preventing or treating poultry enteritis, and field of poultry breeding
	Shandong Continent Biotech Co Ltd		
CN 113025653 A 20210625	(Uscg) Univ South China Agric	China	Poultry source genetic operating system based on H5N2 subtype avian influenza D7 strain
CN 113186173 A 20210730	(Shan-N) Shanghai Biological Prod Inst Min Health	China	Preparing vaccine composition for viral infectious diseases
WO 2021164672 A1 20210826	Univ East China Science & Tech	China	Anti-rna virus drug and application thereof
	Univ Wuhan	China	
CN 113151078 A 20210723	(Uyyz) Univ Yangzhou	China	Preparation of avian S.enteritidisvaccinating agent
CN 113041344 A 20210629	(Uyji) Univ Jilin	China	Preparing chitosan/rsfv-Etgam-59 nanoparticle vaccine useful e.g. For preventing Eimeria in chickens
WO 2021160163 A1 20210819	Evive Biotechnology Shanghai Ltd	China	Methods for prevention or treatment of virus-induced organ injury or failure with il-22 dimer

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112876543 A 20210601	Univ South China Agricult	China	The mccy has antibacterial activity against a small number of Salmonella entericaserovar pullorum, S.e.typhimurium, S.entericaserovar Kentucky, S.entericaserovar infantis and S.entericaserovar London, preferably S.entericaserovar typhimurium
CN 113170842 A 20210727	(Beij-N) Beijing Crvab Bio-Technology Co Ltd	China	Prevent and treat necrotic enteritis of poultry
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
US 2021221881 A1 20210722	Wisconsin Alumni Res Found	USA	Interleukin-10 receptor-2 peptides, antibodies, compositions, and methods of use thereof
WO 2021138721 A1 20210715	Univ Queensland	Australia	Self-assembling, self-adjuvanting system for delivery of vaccines
WO 2021142256 A2 20210715	Univ Georgia	USA	Broadly reactive viral antigens as immunogens, compositions and methods of use thereof
WO 2021142256 A3 20210819	Univ Georgia	USA	Broadly reactive viral antigens as immunogens, compositions and methods of use thereof
CN 113081968 A 20210709	(Taiz-N) Taizhou Jundao Litong Biotechnology Co	China	The oral gel powder is used for treating livestock and poultry diseases, where the livestock and poultry diseases are livestock and poultry bacterial diseases or livestock and poultry parasitic diseases (claimed).

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113040269 A 20210629	(Huna-N) Hunan Jianyuan Bio-Tech Co Ltd	China	The fermented Chinese herbal medicinal feed additive is useful as anti-diarrhea feed additive for livestock and poultry. The livestock and poultry are piglets including piglets in farrowing house and weaning and nursery piglets (all claimed). The feed additive is also used for improving immunity and disease resistance of piglets, regulating animal intestinal microecological balance, and repairing intestinal mucosal damage.
CN 112843225 A 20210528	Guizhou Inst Of Animal Husbandry And Veterinary	China	Riemerella anatipestifer DNA vaccine based on RA ompa gene as well as preparation method and identification method of riemerella anatipestifer DNA vaccine
CN 113136353 A 20210720	(Tong-N) Tonghua Wanying Biotechnology Co Ltd	China	Microorganism preparation comprises 70 pts. Wt. Lactic acid bacteria fermentation liquid, 5 pts. Wt. Yeast flora fermentation liquid, 10 pts. Wt. Photosynthetic bacteria fermentation liquid, 10 pts. Wt. Actinomycete-fermentation liquid and 5 pts. Wt. Linear flora fermentation liquid.
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav system and uses thereof
CN 113018425 A 20210625	(Anim-N) Animal Husbandry & Veterinary Inst Hubei	China	Dual pentavalent inactivated vaccine useful to prevent and treat Mycoplasma hyopneumoniae and e.g. Haemophilus parasuis type 4 related diseases, has e.g. Inactivated Mycoplasma hyopneumoniae and Haemophilus parasuis serotype antigens
WO 2021145720 A1 20210722	Univ Korea Res & Business Foundation Sejong Campus	South Korea	Antigen composition for preventing or treating viral infectious diseases

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Instatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporum gypseum, and medical pathogens including Staphylococcus aureus subsp. Aureus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
CN 113244220 A 20210813	(Sich-N) Sichuan Yuqiang Technology Co Ltd	China	Use of potassium dehydroandrographolide succinate in preparing veterinary medicine for treating bovine mastitis or livestock enteritis
CN 113173989 A 20210727	(Unqa) Univ Qingdao Agric	China	Anti-serum type 4 avian adenovirus fibrin-2 antibody sequence comprises heavy chain variable region and the light chain variable region
CN 113143938 A 20210723	(Cags) Inst Animal Sci Caas	China	Use of bile acid for inhibiting activity of Trichomonas gallinae and preparing composition for preventing and treating trichomoniasis in pigeons
US 2021214728 A1 20210715	Sixfold Bioscience Ltd	United Kingdom	Compositions for delivery of cargo to cells
CN 113025534 A 20210625	(Fosh-N) Foshan Nanhai Eastern Along Pharm Co Ltd	China	In animal breeding and production of livestock and aquatic products, it can be used as probiotic strains or feed microbial additives to reduce the use of antibiotics and improves the disease resistance of animals.
US 2021176996 A1 20210617	Beneficial Biome Solutions Inc	USA	Enhanced non-horticulture food supply bio-security system
US 2021228624 A1 20210729	Purina Animal Nutrition Llc	USA	Animal feed products containing percarbonate and methods of feeding same
WO 2021141828 A1 20210715	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular rna compositions and methods
WO 2021141974 A2 20210715	Wu Fan	USA	Combination cancer therapy using chk inhibitor

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112870154 A 20210601	Univ Sichuan Agricultural	China	Veterinary compound celecoxib nano-liposome gel and preparation method thereof
WO 2021155279 A1 20210805	Univ Washington Shriners Hospitals Children	USA	Compositions and methods for regulating fatty acids
WO 2021127463 A1 20210624	Vivaldi Biosciences Inc	USA	Novel prime-boost influenza vaccine
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Lactic acid bacteria with bacteriostatic and antioxidant activity and application thereof
WO 2021139810 A1 20210715	Univ Hong Kong	China	Recombinant viruses expressing alpha-1, 3-galactosyltransferase and uses thereof
CN 112778310 A 20210511	Shanghai Inst Materia Medica Cas	China	Application of nucleoside analogue or combined preparation containing nucleoside analogue in virus resistance
	Wuhan Inst Virology Cas		
KR 102269257 B1 20210624	Univ Korea Res & Business Foundation Sejong Campus	South Korea	Antigen composition against orthomyxoviruses comprising influenza virus recombinant hemagglutinin monomeric protein multiple mutant protein

VT Acuicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20210103076 A 20210823	Jeju Technopark	South Korea	Anti-microbial composition for aquacultured marine fishes using citrus pulp fermented by Lactobacillus plantarum
	Saejin Bnc Co Ltd		
CN 113061176 A 20210702	(Uhza) Univ Huazhong Agric	China	New antibacterial protein LECT2 of grass carp
WO 2021133877 A1 20210701	Univ Iowa State Res Found Inc	USA	Control of histamine to promote health and control enterocolitis using probiotic compositions and/or histamine degrading enzymes
CN 113087771 A 20210709	(Uymj) Univ Jimei	China	Penaeus vannamei DNA binding antimicrobial peptide VPDB40 comprises amino acid sequence
CN 112876557 A 20210601	Shandong Freshwater Fisheries Res Institute Shandong Freshwater Fishery Monitoring Center	China	Grass carp mucus igm recombinant expression protein, preparation method and application of polyclonal antibody
CN 113201505 A 20210803	(Qing-N) Qingdao No-Antibiotics Biotechnology Co	China	Vibrio alginolyticus bacteriophage strain useful
CN 113230215 A 20210810	(Caat) Shenzhen Inst Advanced Technology (Shen-N) Shenzhen Alpha Group Co Ltd	China	Bacteriophage freeze-dried powder preparation useful in aquaculture and preparing aquaculture medicines
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
CN 113234137 A 20210810	(Uhza) Univ Huazhong Agric	China	Use of chemokine (C-X-C motif) ligand (CXCL)20a protein isolated from grass carp, in preparation of antimicrobial peptide and antibacterial biological products and disinfectant
CN 113046326 A 20210629	(Uscg) Univ South China Agric (Guan-N) Guangdong Acad Sci Microbiology Inst	China	Virulent Vibrio parahaemolyticus phage

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113234615 A 20210810	(Cafs) Cafs Yellow Sea Fisheries Res Inst	China	Pseudoalteromonas piscicida useful in aquaculture
CN 112940998 A 20210611	(Cnyt) Yantai Inst Coastal Zone Res Sustainable (Shan-N) Shandong Yumintang Biotechnology Co Ltd	China	Brevibacillus laterosporus used for preventing bacterial disease of Penaeus vannamei
CN 112940998 B 20210803	(Cnyt) Yantai Inst Coastal Zone Res Sustainable (Shan-N) Shandong Yumintang Biotechnology Co Ltd C21	China	Brevibacillus laterosporus used for preventing bacterial disease of Penaeus vannamei
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe Gmbh	Germany	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof
CN 113025534 A 20210625	(Fosh-N) Foshan Nanhai Eastern Along Pharm Co Ltd	China	In animal breeding and production of livestock and aquatic products, it can be used as probiotic strains or feed microbial additives to reduce the use of antibiotics and improves the disease resistance of animals.
CN 112851792 A 20210528	Shandong Freshwater Fisheries Res Institute Shandong Freshwater Fishery Monitoring Center	China	Preparation method and application of grass carp TNF-[alpha] recombinant protein
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions including probiotic bacteria for the expression and secretion of enterocins to control clostridia perfringens-induced necrotic enteritis in livestock and related methods

VTApicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021116541 A1 20210617	Veto Pharma	France	Mite infestation treatment
WO 2021116631 A1 20210617	Veto Pharma	France	Mite infestation treatment
WO 2021119866 A1 20210624	Univ Concepcion	Chile	Uso de cepas de lacto- bacillus kunkeei y bifi- dobacterium asteroides como bioestimulante probiótica para abejas
WO 2021142458 A1 20210715	Sivec Biotechnologies Llc	USA	A microbial system for production and delivery of eukaryote-translata- ble mrna to eukarya
KR 20210073982 A 20210621	Bang Sung Hwa	South Ko- rea	A liquid treatment and liquid enzyme manu- facturing method for honeybee
	Kim Geum Ja	South Ko- rea	
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular rna composi- tions and methods
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive can- nabinoids as adjuvants to enhance mucosal immunity



VTÉquidos

Nº de Publicación	Solicitante	Pais de origen	Contenido técnico
WO 2021178844 A1 20210910	Altimune Inc	USA	The immunogenic composition is useful as vaccine, or in formulation for preparing medicament for inducing a protective immune response against Flavivirus infection in the mammalian subject, or treating or preventing Flavivirus infection. The Flavivirus is Zika virus (ZIKV), a dengue virus, a Japanese encephalitis virus, a West Nile virus or a Yellow fever virus. The immune response is cell-mediated and humoral immune response.
	St Louis Univ		
WO 2021173925 A1 20210902	Wisconsin Alumni Res Found	USA	Nonviral generation of genome edited chimeric antigen receptor t cells
WO 2021127463 A1 20210624	Vivaldi Biosciences Inc	USA	Novel prime-boost influenza vaccine
CN 112979796 A 20210618	(Mili-N) Military Veterinary Res Inst Pla Militar	China	Refining horse anti-tiger-derived influenza A virus subtype H5N1 immunoglobulin
CN 113005072 A 20210622	(Uyfs) Univ Foshan (Guan-N) Guangdong Yongshun Biological Pharm Co	China	Immunization against diseases caused by Streptococcus equi
CN 113186169 A 20210730	(Uyji) Univ Jilin First Hospital	China	New Strain of Serratia marcescens vb()sams-WG03 bacteriophage useful in preparing medicine for preventing or treating infectious disease caused by Serratia marcescens and pseudo conjugated Yersinia

Nº de Publicación	Solicitante	Pais de origen	Contenido técnico
CN 113234682 A 20210810	(Shan-N) Shanghai Yake Biotech Co Ltd	China	Immune cell, comprising polynucleotide sequence encoding chimeric antigen receptor and CD7 blocking molecules for preventing CD7 protein from being transported and expressed on cell surface
WO 2021135178 A1 20210708	China Immunotech Beijing Biotechnology Co Ltd	China	Enhanced t-cell receptor star and application thereof
GB 2591822 A 20210811	Univ Cape Town	South Africa	Extracellular assembly of virus like particles
WO 2021136736 A1 20210708	Univ Nacional Del Litoral	Argentina	Method for obtaining a mammalian cell line that expresses a recombinant equine chorionic gonadotropin (recg), the recombinant cell lines producing recg, large-scale recg production method, recg, formulations containing recg, nucleic acids encoding for recg and uses
	Consejo Nacional De Investigaciones Cientificas Y Tecn Conicet		
	Biotecnofe S A		
	Ceaglio Natalia		
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav system and uses thereof
US 11045554 B1 20210629	Nat Tech & Eng Solutions Sandia Llc	USA	Lipid-coated particles for treating viral infections
	Stc Unm		
WO 2021158851 A1 20210812	Huang Cai Gu	USA	Pharmaceutical formulation containing remdesivir
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
WO 2021139810 A1 20210715	Univ Hong Kong	China	Recombinant viruses expressing alpha-1, 3-galactosyltransferase and uses thereof
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular rna compositions and methods

N° de Publicación	Solicitante	Pais de origen	Contenido técnico
CN 112972437 A 20210618	(Shen-N) Shenyang Vica Biotechnology Co Ltd	China	Topical preparation useful for preventing or treating parasitic infections in animals e.g. Farm animals including horse, cattle, or companion animals including dog, cat, caused by acarid or tick comprises iodonitrophenol, and eugenol
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe GmbH	Denmark	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof
WO 2021180740 A1 20210916	Nestle Sa	Switzerland	Compositions and methods containing reduced nicotinamide riboside for prevention and treatment of lung diseases and conditions
CN 112870359 A 20210601	Suzhou Inst Of Systems Medicine	China	TRIM41 inhibitor and anti-inflammatory effect and application thereof
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
CN 113018425 A 20210625	(Anim-N) Animal Husbandry & Veterinary Inst Hubei	China	Dual pentavalent inactivated vaccine useful to prevent and treat Mycoplasma hyopneumoniae and e.g. Haemophilus parasuis type 4 related diseases, has e.g. Inactivated Mycoplasma hyopneumoniae and Haemophilus parasuis serotype antigens

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Insti- tatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporum gypseum, and medical pathogens including Staphylococcus aureus subsp. Aureus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
CN 113244220 A 20210813	(Sich-N) Sichuan Yuqiang Technology Co Ltd	China	Use of potassium dehydroandrographolide succinate in preparing veterinary medicine for treating bovine mastitis or livestock enteritis
US 2021214728 A1 20210715	Sixfold Bioscience Ltd	United Kingdom	Compositions for delivery of cargo to cells
CN 113025534 A 20210625	(Fosh-N) Foshan Nanhai Eastern Along Pharm Co Ltd	China	In animal breeding and production of livestock and aquatic products, it can be used as probiotic strains or feed microbial additives to reduce the use of antibiotics and improves the disease resistance of animals.
US 2021176996 A1 20210617	Beneficial Biome Solutions Inc	USA	Enhanced non-horticulture food supply bio-security system
WO 2021146719 A1 20210722	Univ Texas	USA	T-cell death associated gene 8 (tdag8) modulation to enhance cellular cancer therapies
CN 112876543 A 20210601	Univ South China Agricult	China	The mccy has antibacterial activity against a small number of Salmonella entericaserovar pullorum, S.entericaser, S. Kentucky, S.entericaserovar infantis and S.London,S. entericaserovar typhimurium
WO 112876543 A1 20210708	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto

Nº de Publicación	Solicitante	Pais de origen	Contenido técnico
WO 2021158714 A1 20210812	Natural Extraction Sys Llc	USA	Compositions and methods related to cannabinoid anions
WO 2021163620 A1 20210819	The Administrators Of The Tulane Educational Fund	USA	Peptide compositions and methods of use thereof
WO 2021163786 A1 20210826	Avivagen Inc	CA	Supplemented animal feeds for mammals
WO 2021153979 A1 20210805	Genexine Inc	South Ko- rea	Fusion protein comprising anti-taa antibody, anti-pd-l1 antibody, and il-2, and uses thereof
WO 2021158534 A1 20210812	Seattle Childrens Hospital Dba Seattle Childrens Res Inst	USA	Methods and compositions for stimulation of chimeric antigen receptor t cells with hapten labelled cells
WO 2021141828 A1 20210715	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021141974 A2 20210715	Wu Fan	USA	Combination cancer therapy using chk inhibitor
CN 112870154 A 20210601	Univ Sichuan Agricultural	China	Veterinary compound celecoxib nano-liposome gel and preparation method thereof
WO 2021155279 A1 20210805	Univ Washington Shriners Hospitals Children	USA	Compositions and methods for regulating fatty acids
WO 2021145798 A2 20210722	Obshchestvo S Ogranichennoi Otvetstvennostiu Gero	Russian Federation	Methods of biological age evaluation and systems using such methods
WO 2021145798 A3 20210826	Obshchestvo S Ogranichennoi Otvetstvennostiu Gero	Russian Federation	Methods of biological age evaluation and systems using such methods
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
JP 2021130670 A 20210909	(Enzy-N) Enzychem Lifesciences Corp	China	Pharmaceutical composition and health functional food composition useful for preventing or treating hepatitis

Nº de Publicación	Solicitante	Pais de origen	Contenido técnico
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Lactic acid bacteria with bacteriostatic and antioxidant activity and application thereof
WO 2021138721 A1 20210715	Univ Queensland	Australia	Self-assembling, self- adjuvanting system for delivery of vaccines
WO 2021144360 A1 20210722	Hoffmann La Roche	Switzerland	Small molecule csf-1r inhibitors in therapeu- tic and cosmetic uses
	Hoffmann La Roche	USA	
WO 2021162206 A1 20210819	Microbiotix Co Ltd	South Ko- rea	Composition for hair loss prevention or treatment comprising hair follicle tissue cul- ture medium
WO 2021170193 A1 20210902	Sahebi Suekrueye	Denmark	Composition compri- sing egg yolk and burnt ceral powder for wound healing
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions inclu- ding probiotic bacteria for the expression and secretion of enteroc- ins to control clostridia perfringens-induced necrotic enteritis in li- vestock and related methods

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Nº de Publicación	Solicitante	País de origen	Contenido técnico
BR 102019024793 A2 20210608	Univ Minas Gerais	Brasil	Treating visceral and leishmaniasis in mammals
WO 2021178844 A1 20210910	Altimune Inc	USA	The immunogenic composition is useful as vaccine, or in formulation for preparing medicament for inducing a protective immune response against Flavivirus infection in the mammalian subject, or treating or preventing Flavivirus infection. The Flavivirus is Zika virus (ZIKV), a dengue virus, a Japanese encephalitis virus, a West Nile virus or a Yellow fever virus. The immune response is cell-mediated and humoral immune response.
	St Louis Univ		
WO 2021178886 A1 20210910	Univ Jefferson	USA	Coronavirus disease (covid-19) and rabies vaccine
AU 2021206905 A1 20210819	Zoetis Services Llc	Australia	Methods of vaccine administration
BR 102019024792 A2 20210608	Univ Minas Gerais	Brasil	Pharmaceutical leishmanicidal composition
WO 2021177432 A1 20210910	School Corporation Azabu Veterinary Medicine Educational Inst	Japan	Composition containing lactic acid bacteria
	Itea Inc		
WO 2021123092 A1 20210624	Intervet Int Bv	Netherlands	Bispecific caninized antibodies for treating atopic dermatitis
	Intervet Inc	USA	
WO 2021123089 A1 20210624	Intervet Int Bv	Netherlands	Antibodies to canine interleukin-4 receptor alpha
	Intervet Inc	USA	

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021123091 A1 20210624	Intervet Int Bv	Netherlands	Canine interleukin-4 receptor alpha antibodies
	Intervet Inc	USA	
WO 2021123094 A1 20210624	Intervet Int Bv	Netherlands	Bispecific caninized antibodies and bispecific binding partners for treating atopic dermatitis
	Intervet Inc	USA	
WO 2021174069 A1 20210902	Univ Auburn	USA	Dirofilaria volatile organic compound signatures and uses thereof
WO 2021123108 A1 20210624	Intervet Int Bv	Netherlands	A pyrazole pharmaceutical composition
	Intervet Inc	USA	
WO 2021123088 A1 20210624	Intervet Int Bv	Netherlands	A pharmaceutical composition of a pyrazole compound dispersed in a polymer matrix
	Intervet Inc	USA	
KR 20210066725 A 20210607	Kim Hyun Sook	South Korea	A kit for diagnosing allergen of canine and a method of diagnosing allergy using the same
	Korea Polytech Specialized College Ind Cooperation Corp	South Korea	
WO 2021144360 A1 20210722	Hoffmann La Roche	Switzerland	Small molecule csf-1r inhibitors in therapeutic and cosmetic uses
	Hoffmann La Roche	USA	
WO 2021135178 A1 20210708	China Immunotech Beijing Biotechnology Co Ltd	China	Enhanced t-cell receptor star and application thereof
WO 2021165417 A1 20210826	Adivo Gmbh	Germany	Modified fc regions
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav system and uses thereof
CN 113185592 A 20210730	(Xinj-N) Xinjiang Acad Agric & Reclamation Sci	China	Echinococcus granulosus antigen
WO 2021139370 A1 20210715	Univ Shenyang Chemical Tech	China	Amide compound and application thereof
CN 113181352 A 20210730	(Xinj-N) Xinjiang Acad Agric & Reclamation Sci	China	Prevention and treatment of cystic echinococcosis
US 2021212961 A1 20210715	Gbs Global Biopharma Inc	Canada	Cannabinoid-containing complex mixtures for the treatment of mast cell-associated or basophil-mediated inflammatory disorders
US 2021214728 A1 20210715	Sixfold Bioscience Ltd	United Kingdom	Compositions for delivery of cargo to cells

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021158739 A1 20210812	Becker Matthew	USA	Drug-loaded amino acid-based poly(ester urea) films for controlled local release of non-opioid analgesic compounds
	Forster Seth P		
	Brigham Natasha		
	Gustafson Tiffany		
	Hermans Andre		
	Nofsinger Rebecca		
	Univ Akron		
	Merck Sharp & Dohme		
WO 2021162206 A1 20210819	Microbiotix Co Ltd	South Korea	Composition for hair loss prevention or treatment comprising hair follicle tissue culture medium
WO 2021139810 A1 20210715	Univ Hong Kong	China	Recombinant viruses expressing alpha-1, 3-galactosyltransferase and uses thereof
CN 112899240 A 20210604	(Beij-N) Beijing Centre Biology Co Ltd (Beij-N) Beijing Huaxia Xinyang Biological Techn	China	New attenuated canine parainfluenza virus strain useful for preventing canine parainfluenza in pregnant dog
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe GmbH	Germany	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021180740 A1 20210916	Nestle Sa	Switzerland	Compositions and methods containing reduced nicotinamide riboside for prevention and treatment of lung diseases and conditions
US 2020338183 A1 20201029	Altimmune Inc	USA	Rapid and prolonged immunogenic therapeutic
CN 112870359 A 20210601	Suzhou Inst Of Systems Medicine	China	TRIM41 inhibitor and anti-inflammatory effect and application thereof
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health

N° de Publicación	Solicitante	País de origen	Contenido técnico
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Ins- tatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporum gypseum, and medical pathogens including Staphylococcus aureus subsp. Aureus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
US 2021176996 A1 20210617	Beneficial Biome Solutions Inc	USA	Enhanced non-horticulture food supply bio-security system
WO 2021146719 A1 20210722	Univ Texas	USA	T-cell death associated gene 8 (tdag8) modulation to enhance cellular cancer therapies
WO 112876543 A1 20210708	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021158714 A1 20210812	Natural Extraction Sys Llc	USA	Compositions and methods related to cannabinoid anions
WO 2021163620 A1 20210819	The Administrators Of The Tulane Educational Fund	USA	Peptide compositions and methods of use thereof
WO 2021163786 A1 20210826	Avivagen Inc	Canada	Supplemented animal feeds for mammals
WO 2021153979 A1 20210805	Genexine Inc	South Korea	Fusion protein comprising anti-taa antibody, anti-pd-l1 antibody, and il-2, and uses thereof
WO 2021158534 A1 20210812	Seattle Childrens Hospital Dba Seattle Childrens Res Inst	USA	Methods and compositions for stimulation of chimeric antigen receptor t cells with hapten labelled cells
WO 2021141828 A1 20210715	Assembly Biosciences Inc	USA	Compositions comprising bacterial species and methods related thereto
WO 2021141974 A2 20210715	Wu Fan	USA	Combination cancer therapy using chk inhibitor
WO 2021155279 A1 20210805	Univ Washington Shriners Hospitals Children	USA	Compositions and methods for regulating fatty acids
WO 2021145798 A2 20210722	Obshchestvo S Ogranichennoi Otvetstvennosti Gero	Russian Federation	Methods of biological age evaluation and systems using such methods

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021145798 A3 20210826	Obshchestvo S Ograni- chennoi Otvetstvennos- tiu Gero	Russian Fe- deration	Methods of biological age evaluation and systems using such methods
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
WO 2021127463 A1 20210624	Vivaldi Biosciences Inc	USA	Novel prime-boost in- fluenza vaccine
JP 2021130670 A 20210909	(Enzy-N) Enzychem Li- fesciences Corp	China	Pharmaceutical com- position and health functional food com- position useful for preventing or treat- ing hepatitis
WO 2021170093 A1 20210902	Univ Shanghai Tech	China	Application of disulfir- am in coronavirus re- sistance
WO 2021169957 A1 20210902	Univ Shanghai Tech	China	Application of n-subs- tituted pyridyl benzi- sosenazolone com- pound
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiolo- gy Center	China	Lactic acid bacteria with bacteriostatic and antioxidant acti- vity and application thereof
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adju- vants to enhance mu- cosal immunity
WO 2021138721 A1 20210715	Univ Queensland	Australia	Self-assembling, self- adjuvanting system for delivery of vacci- nes
WO 2021170193 A1 20210902	Sahebi Suekrueye	Denmark	Composition com- prising egg yolk and burnt ceral powder for wound healing
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions inclu- ding probiotic bacteria for the expression and secretion of enteroc- ins to control clostridia perfringens-induced necrotic enteritis in livestock and related methods



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 112940987 A 20210611	Inst Asesoría Animal Y Veterinario Academia De Ciencias Agrícolas De Fujian	China	Staphylococcus aureus de conejo y su aplicación en la preparación de una vacuna inactivada
RU 2749374 C1 20210609	Federalnoe Gosudars-tvennoe Byudzhethnoe Obrazovatelnoe Uchrezhdenie Vysshego Obrazovaniya Stavropolsk	Russian Federation	Method for the treatment of intraperitoneal staphylococcal infection with nisosomal ofloxacin
CN 112870359 A 20210601	Suzhou Inst Of Systems Medicine	China	TRIM41 inhibitor and anti-inflammatory effect and application thereof
CN 113046271 A 20210629	Inst Asesoría Animal Y Veterinario Academia De Ciencias Agrícolas De Fujian	China	Pasteurella multocida type F from rabbit and its application in the preparation of an inactivated vaccine
WO 2021158714 A1 20210812	Natural Extraction Sys Llc	USA	Compositions and methods related to cannabinoid anions
CN 113081968 A 20210709	(Taiz-N) Taizhou Jundao Litong Biotechnology Co	China	The oral gel powder is used for treating livestock and poultry diseases, where the livestock and poultry diseases are livestock and poultry bacterial diseases or livestock and poultry parasitic diseases (claimed).
EP 3851116 A1 20210721	Phytobiotics Futterzusatzstoffe Gmbh	Germany	Combination of substances with isoquinoline alkaloids and coccidiostat or coccidiosis vaccine
WO 2021181210 A1 20210916	White Dog Labs Inc	USA	Microbial compositions and uses thereof

N° de Publicación	Solicitante	País de origen	Contenido técnico
CN 113265365 A 20210817	(Puli-N) Pulike Biological Eng Inc	China	The Escherichia coliis useful for expressing and preparing foreign proteins (all claimed) and in variety of veterinary vaccine proteins, preferably proteins derived from eukaryotes.
CN 113136400 A 20210720	(Puli-N) Pulike Biological Eng Inc	China	Constructing Chinese hamster ovary (CHO) cells for efficiently expressing foreign proteins comprises (1) adding signal peptide sequence to the N-terminus of the exogenous protein sequence, (2) adding the exogenous protein sequence with the signal peptide sequence and joining Fc sequence together by fusion to construct expression plasmid, (3) transfecting the expression plasmid constructed in the step (2) into CHO cells, and (4) harvesting the exogenous protein.
US 2020338183 A1 20201029	Altimmune Inc	USA	Rapid and prolonged immunogenic therapeutic
CN 113136353 A 20210720	(Tong-N) Tonghua Wanying Biotechnology Co Ltd	China	Microorganism preparation comprises 70 pts. Wt. Lactic acid bacteria fermentation liquid, 5 pts. Wt. Yeast flora fermentation liquid, 10 pts. Wt. Photosynthetic bacteria fermentation liquid, 10 pts. Wt. Actinomycetefermentation liquid and 5 pts. Wt. Linear flora fermentation liquid.
WO 2021146582 A1 20210722	Agbiome Inc	USA	Compositions and methods for controlling undesirable microbes and improving animal health
WO 2021173647 A1 20210902	Univ Massachusetts	USA	Inducible single aav system and uses thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113151095 A 20210723	(Chsc-N) Chinese Acad Sci Wuhan Virology Ins- tatic	China	New Bacillus atrophaeus strain, useful for preparing antibacterial drugs for dermatophytes including Trichophyton rubrum and Microsporum gypseum, and medical pathogens including Staphylococcus aureus subsp. Aureus, Bacillus cereus, Salmonella typhimurium and Yersinia pseudotuberculosis
US 2021176996 A1 20210617	Beneficial Biome Solu- tions Inc	USA	Enhanced non-horticulture food supply bio-security system
WO 2021146719 A1 20210722	Univ Texas	USA	T-cell death associat- ed gene 8 (tdag8) modulation to enhan- ce cellular cancer the- rapies
WO 112876543 A1 20210708	Assembly Biosciences Inc	USA	Compositions compri- sing bacterial species and methods related thereto
WO 2021113777 A3 20210902	Orna Therapeutics Inc	USA	Circular rna composi- tions and methods
WO 2021141974 A2 20210715	Wu Fan	USA	Combination cancer therapy using chk in- hibitor
WO 2021145798 A2 20210722	Obshchestvo S Ograni- chennoi Otvetstvennos- tiu Gero	Russian Fe- deration	Methods of biological age evaluation and systems using such methods
WO 2021145798 A3 20210826	Obshchestvo S Ograni- chennoi Otvetstvennos- tiu Gero	Russian Fe- deration	Methods of biological age evaluation and systems using such methods
WO 2021179050 A1 20210916	Univ Monash Melbourne Health	Australia	Viral inhibition
JP 2021130670 A 20210909	(Enzy-N) Enzychem Li- fesciences Corp	China	Pharmaceutical com- position and health functional food com- position useful for preventing or treat- ing hepatitis
WO 2021175250 A1 20210910	Aptorum Therapeutics Ltd	China	Compounds and methods for treating diseases and/or con- ditions caused by co- ronavirus

N° de Publicación	Solicitante	País de origen	Contenido técnico
CN 112877231 A 20210601	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Lactic acid bacteria with bacteriostatic and antioxidant activity and application thereof
US 2021213129 A1 20210715	Immugen Pharma Llc	USA	Non-psychoactive cannabinoids as adjuvants to enhance mucosal immunity
WO 2021178886 A1 20210910	Univ Jefferson	USA	Coronavirus disease (covid-19) and rabies vaccine
WO 2021162206 A1 20210819	Microbiotix Co Ltd	South Korea	Composition for hair loss prevention or treatment comprising hair follicle tissue culture medium
WO 2021170193 A1 20210902	Sahebi Suekrueye	Denmark	Composition comprising egg yolk and burnt cereal powder for wound healing
WO 2021154872 A1 20210805	General Probiotics Inc	USA	Compositions including probiotic bacteria for the expression and secretion of enterocins to control clostridia perfringens-induced necrotic enteritis in livestock and related methods

Noticias



[XX Reunión anual Centros Regionales de Información en materia de Propiedad Industrial](#)

Los días 9 y 10 de noviembre tuvo lugar en la Rioja la XX reunión anual de Centros Regionales de Información en materia de Propiedad Industrial (CCRR).

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[Conferencia: "La importancia de las patentes en el comienzo de un negocio de una PYME"](#)

El pasado 27 de octubre la Oficina Egipcia de Patentes (EGPO), dentro del proyecto de hermanamiento con la Unión Europea (UE), organizó en el Cairo, una conferencia titulada: "Patentes para PYMES: el éxito de su negocio comienza con una patente".

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[Cursos en línea gratuitos sobre Propiedad Industrial de la OEPM y de la EOI \(MOOC de PI\)](#)

La Oficina Española de Patentes y Marcas, O.A. y la Fundación Escuela de Organización Industrial (EOI), F.S.P., han elaborado cuatro cursos sobre Propiedad Industrial, en formato MOOC (siglas en inglés de Curso en línea masivo y abierto, CEMA) los cuales se pueden realizar por separado y de manera auto gestionada (aprende a tu ritmo).

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["10 Patentes Españolas que han hecho Historia": el nuevo video realizado por "Quantum Fracture" y promocionado por la OEPM](#)

La Oficina Española de Patentes y Marcas, O.A. (OEPM), en el marco de su Plan Estratégico, busca promover de forma innovadora el uso de la Propiedad Industrial con la finalidad de transformar la sociedad basada en el conocimiento en generadora de valor y catalizadora de la transformación tecnológica e industrial de nuestro país.

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[La OEPM en las Asambleas Generales de la OMPI](#)

Un año más, el pasado 4 al 8 de octubre de 2021 tuvo lugar en Ginebra (Suiza), las "Asambleas OMPI" donde participó la delegación española formada por los representantes de la misión permanente de España en Ginebra y de la Oficina Española de Patentes y Marcas O.A (OEPM). Este año con formato híbrido, pero con un alto grado de presencialidad.

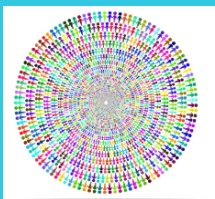
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[Mesa redonda virtual OEPM: Valoración de derechos de Propiedad Industrial](#)

El pasado 17 de junio la Oficina Española de Patentes y Marcas, O.A. (OEPM) organizó una mesa redonda con el fin de dar a conocer más detalles relativos a la valoración de intangibles.

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[Cooperación europea: firma electrónica de las notificaciones de Diseños del sistema de Back Office de la Oficina Española de Patentes y Marcas, O. A.](#)

Un problema al que se enfrentan los usuarios de internet en general y, por ende, los usuarios de la propia OEPM puede ser las comunicaciones que lleven a engaño y la falta de seguridad en sus transacciones o actividades a través de la red.

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[Nuevos convenios firmados por la OEPM](#)

La colaboración entre instituciones resulta fundamental para el avance de la sociedad en general y de la economía del país. Desde la OEPM esto lo tenemos muy claro, y por ello impulsamos la firma de diferentes convenios con distintas entidades.

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Noticias



Publicado el Boletín de Vigilancia Tecnológica de Sanidad Animal del segundo semestre de 2021
El documento, que cuenta con 288 solicitudes de patentes, muestra los últimos avances realizados en

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La Fundación Vet+i participa en la Jornada de 'Políticas de Innovación y Desarrollo en el mercado de I+D' con los Nuevos Titulados Superiores de la OEPM

La Jornada organizada por la Oficina Española de Patentes y Marcas (OEPM) con la colaboración del Consejo Superior de Investigaciones Científicas (CSIC), el Centro para el Desarrollo Tecnológico Industrial (CDTI) y la Fundación Vet+i-Plataforma Tecnológica Española de Sanidad Animal.

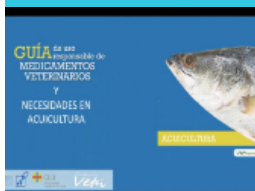
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Publicado el Informe de Actividades de Vet+i 2020

El documento recoge un resumen de las diferentes acciones llevadas a cabo por la Fundación durante la anualidad 2020 y está disponible para su consulta y descarga online.

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Vet+i presenta la nueva Guía de Uso Responsable de Medicamentos Veterinarios en Acuicultura

Más de 80 interesados en el sector acuícola se citaron vía online en la presentación que corrió a cargo de María Jaureguizar, Directora Gerente de la Fundación Vet+i, y de Jordi López, Profesor de la Universidad CEU Cardenal Herrera, Coordinador del Comité técnico de FEADSA y Coordinador del grupo de trabajo de

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Acto de entrega de diplomas del II Máster en Dirección y Gestión de Empresas de Sanidad Animal

Culmina la segunda edición del Máster en Dirección y Gestión de Empresas de Sanidad Animal en la nueva Business School de ESIC en Pozuelo de Alarcón.

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Vet+i publica el nuevo cuadríptico de su iniciativa Veinnova 2.0.

Con motivo de la actualización de la web, se ha publicado un folleto en el que se indican todas las novedades y ventajas que presenta su nuevo formato.

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Vet+i asiste al Webinar sobre las próximas convocatorias del nuevo Plan Estatal de Ciencia, Tecnología e Innovación 2021-2023

La jornada organizada por la Agencia Estatal de Investigación dio a conocer los detalles y las novedades en las convocatorias que se implementarán en la Agencia en los próximos años.

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La Fundación Vet+i continúa participando en la Reunión del Grupo Interplataformas de Economía Circular

Durante la reunión, que de nuevo se ha realizado mediante teleconferencia, los representantes de las Plataformas de España, comentaron las actividades previstas para los meses restantes de 2021.

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