

# VT

# SANIDAD ANIMAL

# 45

## Vigilancia Tecnológica 1º trimestre 2022



MINISTERIO  
DE INDUSTRIA, COMERCIO  
Y TURISMO



Oficina Española  
de Patentes y Marcas

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

**OBJETIVOS  
DE DESARROLLO  
SOSTENIBLE**

3 SALUD  
Y BIENESTAR



9 INDUSTRIA,  
INNOVACIÓN E  
INFRAESTRUCTURA



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 cinco recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el primer trimestre de 2022 en el ámbito de la sanidad animal, las cuales aparecen distribuidas según la especie animal de aplicación de las mismas.

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

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

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

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

## Contenido



**Bovino**



**Ovino y  
Caprino**



**Porcino**



**Avicultura**



**Acuicultura**



**Apicultura**



**Équidos**



**Mascotas**



**Varios**

# VT Bovino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022008784 A1 20220113	Univ Granada	Spain	Use of simple acyclic polyamines for the treatment of diseases caused by parasites of the genus leishmania
	Univ Valencia		
CN 215078916 U 20211210	Harbin Acheng District Animal Husbandry	China	Living body sampler for calf diarrhea
US 2022008542 A1 20220113	Univ Auburn	USA	Anti-protozoal compounds and uses thereof
CN 113785908 A 20211214	Nanjing Leidemengde Agric Technology Co	China	Composition useful e.g. For reducing diarrhea of livestock and poultry
CN 215227892 U 20211221	Airidengcaicike	China	Sampling device for pregnant female livestock abortion
KR 20220010798 A 20220127	Univ Kyungpook Nat Ind Acad Coop Found	South Korea	Composition of antimicrobial complex for animal comprising amphenicols and aminoglycosides
	Republic Korea Animal & Plant Quarantine		
AU 2021105933 A4 20211028	Univ Shihezi	Australia	A composite microecological preparation for preventing calf diarrhea
	Xinjiang Tianshan Reclamation Animal Husbandry Co Ltd		
CN 214761199 U 20211119	Univ Gansu Agric	China	Mirk cow mammitis sampler
EP 3909613 A1 20211117	Life Scirnce Inkubator Betr Gmbh & Co Kg	Germany	Composition used e.g. As immunostimulant, and to prevent bovine respiratory disease
	Dkz Deutsches Krebsforschungszentrum		
CN 113599398 A 20211105	Lanzhou Inst Husbandry & Pharmaceutical Scirnces Caas	China	Pharmaceutical composition for preventing and treating intestinal colibacillosis of yak calves and preparation method of pharmaceutical composition
CN 113640524 A 20211112	Univ Nanjing Agric	China	Diagnostic reagents for Haemonchus contortus infection, and preventing and controlling Haemonchus contortus in ruminants e.g. Cattle, sheep, deer and camels

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113577023 A 20211102	Xiang Liri	China	Trinitrogen amidine suspension injection and preparation method thereof
US 2021401984 A1 20211230	The Administrators Of The Tulane Educational Fund	USA	Immunoprotective primary mesenchymal stem cells and methods
	Autoimmune Tech Inc		
	Autoimmune Tech Llc		
JP 2021194355 A 20211227	Nat Agric & Food Res Org	Japan	Biosignal extracting device for diagnosing respiratory disease from cough sound of domestic animal
	Univ Hiroshima City		
WO 2022038072 A1 20220224	Sandoz Ag	Switzerland	Parenteral pharmaceutical composition comprising cyclophosphamide and a mixture of liquids
RU 2764220 C1 20220114	Fed Gosudarstvennoe Byudzhethnoe Nauchnoe Uchrezhdenir Krasnodarskij Nauchnyj Tsentr Po Zootekhnii I	Russian Federation	Method for preventing risk of parainfluenza-3 in calves
RU 2763998 C1 20220112	Fed Gosudarstvennoe Byudzhethnoe Uchrezhdenir Nauki Sibirskij Fed Nauchnyj Tsentr Agrobiotekhnologij	Russian Federation	Method for cows serous mastitis therapy with complex preparation containing silver nanoparticles argovit and dimexide
RU 2764600 C1 20220118	Federalnoe Gosudarstvennoe Byudzhethnoe Obrazovatelnoe Uchrezhdenir Vysshego Obrazovaniya Kubanskij G	Russian Federation	Vaccine against escherichiosis of calves and piglets
WO 2022008848 A1 20220113	Vaxinano	France	Method for preparing a vaccine composition from lyophilised antigens
	Betbeder Didirr		
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
CN 113730389 A 20211203	Inst Basic Medical Sciences Cams	China	Application of oleic acid active substance in prevention and/or treatment of inflammatory diseases
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising silicone
CN 113462597 A 20211001	Guangxi Veterinary Res Inst	China	Bacillus subtilis for producing lignin peroxidase, microbial inoculum containing bacillus subtilis and application thereof
CN 113648335 A 20211116	Univ China Agricultural	China	Low-temperature enzymatic extraction of purslane for preventing and treating diarrhea in livestock and poultry

Nº de Publicación	Solicitante	País de origen	Contenido técnico
JP 2021187848 A 20211213	Pfizer Inc	Japan	Pyrrolo(2,3-D)pyrimidine derivative used in isolated form for pharmaceutical composition for manufacturing medicament for
WO 2022037666 A1 20220224	Univ Beijing	China	Application of rdr protein in tumor therapy
CN 113559181 A 20211029	Univ Inner Mongolia Agri	China	Mongolian veterinary drug for resisting escherichia coli diarrhea and preparation method thereof
WO 2021256244 A1 20211223	Idemitsu Kosan Co	Japan	Agent comprising guanidomine as active ingredient for preventing gram-negative bacterial infection and disease damage from gram-negative bacterial infection
	The Kitasato Inst		
WO 2021261637 A1 20211230	Optipharm Co Ltd	South Korea	Novel campylobacter bacterium-specific bacteriophage opt-cj1 and antibacterial composition comprising same
CN 113521299 A 20211022	Jiangsu Hengrui Medicine Co	South Korea	Pyrazolopyrimidine derivative or conjugate thereof, and preparation method and application thereof
	Shanghai Hengrui Pharmaceutical Co Ltd		
CN 113564221 A 20211029	Univ Jirin	China	Application of nicotinic acid in preparation of drug for relieving mammary gland fibrosis of dairy cows through GPR109A receptors
WO 2021261467 A1 20211230	Sasaki Chemical Ind Co Ltd	Japan	Disirver hydrogen citrate-containing composition, method for producing same, antibacterial agent or antiviral agent using same, and method for producing same
WO 2021244997 A1 20211209	Hoffmann La Roche	Switzerland	Novel imidazopyrazne derivatives
		USA	
CN 113563466 A 20211029	Luoyang Laipson Information Tech Co Ltd	China	Monoclonal antibody preparation method of P.multocida antibody, detection kit, detection method and application thereof
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnologirs Co Ltd	China	Applications of hpk1 kinase inhibitor in preventing and/or treating animal pathogen infection
US 2022000963 A1 20220106	Inteq Llc	USA	Nutritional supplements for animal health and development

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113493510 A 20211012	Univ Shanghai Jiaotong	China	Bovine-derived single-chain antibody for resisting staphylococcus aureus lkd virulence factor and preparation
WO 2022032227 A1 20220210	Univ Arkansas	USA	Nasal microbiome biomarkers for predicting the onset of bovine respiratory disease and treating the same
US 2021379172 A1 20211209	Univ Iowa Res Found	USA	Poly(diaminosulfide) particle-based vaccine
	Us Agriculture		
WO 2021262019 A1 20211230	Proteon Pharmaceuticals S A	Poland	Synergistic composition of phages and its formation method
CN 113512098 A 20211019	Univ Wuhan	China	Serum antibody indirect ELISA method for identifying hog cholera virus and bovine viral diarrhea virus, and application thereof
WO 2022011211 A1 20220113	Emergent Product Dev Gaithersburg Inc	USA	Deoxynojirimycin derivatives as glucosidase inhibitors
WO 2022005195 A1 20220106	Biogo Co Ltd	South Korea	Pharmaceutical composition for preventing or treating covid-19 comprising nano-sized graphene oxide composite and method using same
	Seoul Nat Univ R&Db Foundation		
CN 113461808 A 20211001	Beijing Acad Agric & Forestry	China	Competitive ELISA antibody detection kit for infectious bovine rhinotracheitis virus and application thereof
WO 2022014675 A1 20220120	Univ Osaka	Japan	Oral medicine
	Acenet Inc		
US 2022000828 A1 20220106	Ecolab Usa Inc	USA	On site generated performic acid compositions for teat treatment
WO 2022025831 A1 20220203	Verano Irac Sanayi Ve Ticaret Anonim Sirketi	Turkey	Pharmaceutical compositions for injection comprising tulathromycin
WO 2022011001 A1 20220113	Univ California	USA	Method for antigen detection from direct clinical samples
WO 2022015823 A2 20220120	Univ Georgia State Res Found	USA	Methods for screening novel coronavirus antivirals and methods of using antivirals for the treatment of coronavirus infections

<b>N° de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2022013755 A2 20220120	Env Bioorganic Scirnces Corporation	USA	Microbial compositions and method for producing thereof for use in treatment of contaminated soil, water, and/or surfaces
WO 2021252777 A1 20211216	Texas A & M Univ Sys	USA	Microencapsulated oral Sterne vaccine
WO 2021262826 A2 20211230	Giread Scirnces Inc	USA	1'-cyano nucleoside analogs and uses thereof
WO 2021247542 A2 20211209	Advent Therapeutics Inc	USA	Pharmaceutical compositions comprising insoluble active ingredients
WO 2021263160 A2 20211230	Zivo Bioscience Inc	USA	Positive latency effects on coccidiosis prevention and treatment via animal feed
	Pfund William P		
	Steffek Amy E		
	Dahl Andrew A		
US 2021386819 A1 20211216	Purdue	USA	Bioengineered lactobacillus probiotics and the uses thereof
CN 113563395 A 20211029	Hebei Veyong Bio Chem Co Ltd	China	Abamectin B2 derivatives as well as preparation method and application thereof
WO 2021252644 A1 20211216	Pardes Biosciences Inc	USA	Inhibitors of cysteine proteases and methods of use thereof





# VT Ovino y Caprino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022008784 A1 20220113	Univ Granada	Spain	Use of simple acyclic polyamines for the treatment of diseases caused by parasites of the genus leishmania
	Univ Valencia		
CN 215227892 U 20211221	Airidengcaicike	China	Sampling device for pregnant female livestock abortion
KR 20220010798 A 20220127	Univ Kyungpook Nat Ind Acad Coop Found	South Korea	Composition of antimicrobial complex for animal comprising amphenicols and aminoglycosides
	Republic Korea Animal & Plant Quarantine		
CN 113577023 A 20211102	Xiang Liri	China	Trinitrogen amidine suspension injection and preparation method thereof
US 2021386819 A1 20211216	Purdue Research Foundation	USA	Bioengineered lactobacillus probiotics and the uses thereof
WO 2022008848 A1 20220113	Vaxinano	France	Method for preparing a vaccine composition from lyophilised antigens
	Betbeder Didirr		
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
CN 113563395 A 20211029	Hebei Veyong Bio Chem Co Ltd	China	Abamectin B2 derivatives as well as preparation method and application thereof
CN 113730389 A 20211203	Inst Basic Medical Scirnces Cams	China	Application of oleic acid active substance in prevention and/or treatment of inflammatory diseases
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising siricone
WO 2022033573 A1 20220217	Suzhou Prajna Biotech Co Ltd	China	Mutant ovis spp. Infectious pustular dermatitis virus and use thereof
JP 2021187848 A 20211213	Pfizer Inc	Japan	Pyrrolo(2,3-D)pyrimidine derivative used in isolated form for pharmaceutical composition for manufacturing medicament for
CN 113559181 A 20211029	Univ Inner Mongolia Agri	China	Mongolian veterinary drug for resisting escherichia coli diarrhea and preparation method thereof

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnologirs Co Ltd	China	Applications of hpk1 kinase inhibitor in preventing and/or treating animal pathogen infection
US 2022000963 A1 20220106	Inteq Llc	USA	Nutritional supplements for animal health and development
WO 2021252644 A1 20211216	Pardes Bioscirnces Inc	USA	Inhibitors of cysteine proteases and methods of use thereof
WO 2021262019 A1 20211230	Proteon Pharmaceuticals S A	Poland	Synergistic composition of phages and its formation method
WO 2022025831 A1 20220203	Verano Irac Sanayi Ve Ticaret Anonim Sirketi	Turkey	Pharmaceutical compositions for injection comprising tulathromycin
WO 2022013755 A2 20220120	Env Bioorganic Scirnces Corporation	USA	Microbial compositions and method for producing thereof for use in treatment of contaminated soil, water, and/or surfaces
WO 2021263160 A2 20211230	Zivo Bioscirnce Inc	USA	Positive latency effects on coccidiosis prevention and treatment via animal feed
	Pfund Wirliam P		
	Steffek Amy E		
	Dahl Andrew A		
CN 113785908 A 20211214	Nanjing Leidemengde Agric Technology Co	China	Composition useful e.g. For reducing diarrhea of livestock and poultry
CN 113640524 A 20211112	Univ Nanjing Agric	China	Diagnostic reagents for Haemonchus contortus infection, and preventing and controlling Haemonchus contortus in ruminants e.g. Cattle, sheep, deer and camels
JP 2021194355 A 20211227	Nat Agric & Food Res Org	Japan	Biosignal extracting device for diagnosing respiratory disease from cough sound of domestic animal
	Univ Hiroshima City		
CN 113648335 A 20211116	Univ China Agricultural	China	Low-temperature enzymatic extraction of purslane for preventing and treating diarrhea in livestock and poultry
WO 2021261637 A1 20211230	Optipharm Co Ltd	South Korea	Novel campylobacter bacterium-specific bacteriophage opt-cj1 and antibacterial composition comprising same
WO 2021244997 A1 20211209	Hoffmann La Roche	Switzerland	Novel imidazopyrazne derivatives
	Hoffmann La Roche	USA	
US 2021379172 A1 20211209	Univ Iowa Res Found	USA	Poly(diaminosulfide) particle-based vaccine
	Us Agriculture		



# VT Porcino



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022008784 A1 20220113	Univ Granada	Spain	Use of simple acyclic polyamines for the treatment of diseases caused by parasites of the genus leishmania
	Univ Valencia		
US 2021346340 A1 20211111	Epitogenesis Inc	USA	Pharmaceutical Compositions, Comprising a Combination of select carrirrs and Flavonoids as Anti-pathogens
KR 20220010798 A 20220127	Univ Kyungpook Nat Ind Acad Coop Found	South Korea	Composition of antimicrobial complex for animal comprising amphenicols and aminoglycosides
	Republic Korea Animal & Plant Quarantine		
WO 2021255225 A1 20211223	Intervet Int Bv	Netherlands	Swine influenza a virus vaccine comprising a nucleic acid construct comprising first, second and third nucleic acid sequences encoding distinct neuraminidase antigens of the virus
	Intervet Inc	USA	
CN 113604505 A 20211105	Huanong Zhaoqing Biological Ind Technolo	China	RNA vaccine for preventing African swine fever
CN 113817690 A 20211221	Univ Jirin	China	Porcine circovirus type 4 used in inactivated vaccine
CN 113583980 A 20211102	Univ China Agricultural	China	Porcine reproductive and respiratory syndrome mutant virus as well as construction method and application thereof
KR 20210154382 A 20211221	Daesung Microbiological Labs Co Ltd	South Korea	Veterinary complex composition for the treatment of iron deficirncy anemia
CN 113637069 A 20211112	Jofunhwa Biotechnology Nanjing Co Ltd	China	New porcine circovirus type 4 Cap protein monoclonal antibody
CN 113831414 A 20211224	Shanghai Zhongying Technology Ind Co Ltd	China	New porcine circovirus (PCV) type 2b capsid-crystallizable fragment (Fc) fusion protein useful in preparation of fusion protein subunit vaccinating agent against PCV type 2b infection

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
KR 20210154572 A 20211221	Kwon Dur Han	South Korea	Choline derivatives comprising anti-corona activity
WO 2021255222 A1 20211223	Intervet Int Bv	Netherlands	Swine influenza a virus vaccine comprising two distinct rna replicon particles
	Intervet Inc	USA	
CN 113584080 A 20211102	Univ Huazhong Agricultural	China	Construction and application of nluc-labeled recombinant porcine delta coronavirus infectious clone plasmid
CN 113577023 A 20211102	Xiang Liri	China	Trinitrogen amidine suspension injection and preparation method thereof
KR 20210134094 A 20211109	Han S H	South Korea	Method for managing infectious disease screening medical treatment utilizing screening medical treatment structure of movable type
	Jang G J		
	Lee H Y		
CN 113583113 A 20211102	Anhui Jiuchuan Biotechnology Co Ltd	China	Single-chain antibody for resisting porcine epidemic diarrhea virus and preparation method thereof
KR 20210154582 A 20211221	Kwon Dur Han	South Korea	Choline derivatives comprising anti-corona activity
CN 113527511 A 20211022	Tecon Biological Co Ltd	China	Fusion protein as well as preparation method, application, expression system and vaccine thereof
WO 2021255219 A1 20211223	Intervet Int Bv	Netherlands	Swine influenza a virus vaccine comprising a nucleic acid construct having a specific order of genes
	Intervet Inc	USA	
WO 2021255221 A1 20211223	Intervet Int Bv	Netherlands	Swine influenza a virus vaccine comprising a nucleic acid construct encoding antigens of specific virus lineages
	Intervet Inc	USA	
CN 113604506 A 20211105	Univ Yancheng Teachers	China	Recombinant adeno-associated virus expressing porcine reproductive and respiratory syndrome virus
WO 2022008848 A1 20220113	Vaxinano	France	Method for preparing a vaccine composition from lyophilised antigens
	Betbeder Didirr		
CN 113584063 A 20211102	Shanghai Veterinary Res Inst Chinese Academy Agricultural Sciences China Ct Animal	China	Reverse genetic manipulation method based on transcriptional regulatory sequence redistribution and application thereof

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
CN 113755505 A 20211207	Mianyang Youxian Innovation Technology	China	New messenger RNA sequence useful for treating and preventing African swine fever virus
CN 113563431 A 20211029	Univ Nanjing Agricultural	China	Porcine reproductive and respiratory syndrome virus immune protection protein hybrid gene, recombinant baculovirus and vaccine
CN 113735943 A 20211203	Zhejiang Novo Biotech Co Ltd	China	Recombinant African swine fever virus p72 subunit protein, and preparation method and application thereof
JP 2021187848 A 20211213	Pfizer Inc	Japan	Pyrrolo(2,3-D)pyrimidine derivative used in isolated form for pharmaceutical composition for manufacturing medicament for
CN 113577167 A 20211102	Lanzhou Inst Husbandry & Pharmaceutical Sciences Caas	China	Application of giral daphne bark in preparation of medicine for treating swine eperythrozoonosis
US 2022023412 A1 20220127	Univ Of Rhode Island Board Of Trustees Epivax Inc	USA	Compositions useful in Both Homologous And Heterologous Vaccine Regimens
CN 113521271 A 20211022	Hangzhou Uben Animal Vaccine Co Ltd	China	Bivalent inactivated vaccine for porcine reproductive and respiratory syndrome and preparation method thereof
CN 113768951 A 20211210	Guangdong Ruiji Biotechnology Co Ltd	China	Preventing or treating new-born piglet diarrhea and swine fever and controlling the loss of appetite of sows
RU 2761379 C1 20211207	Obshchestvo S Ogranichennoj Otvetstvennostyu Vetbiokhim	Russian Federation	Polyvalent inactivated vaccine against swine streptococcosis, method for its production and use
CN 113480665 A 20211008	Guangzhou Yuanbo Pharmaceutical Tech Co Ltd	China	Fusion protein for porcine epidemic diarrhea virus and recombinant protein vaccine
CN 113512087 A 20211019	South China Botanical Garden Cas	China	Preparation and application of anti-PRRSV (Porcine Reproductive and Respiratory Syndrome Virus) components in Eurya chinensis

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113564072 A 20211029	New Hope Liuhe Co Ltd	China	Pediococcus acidiractici NHE-Pa11403 and application thereof
	Sichuan New Hope Animal Husbandry Tech Co Ltd		
	Chengdu Fenglan Scirnce And Tech Co Ltd		
CN 113559181 A 20211029	Univ Inner Mongolia Agri	China	Mongolian veterinary drug for resisting escherichia coli diarrhea and preparation method thereof
CN 113730565 A 20211203	General Biology Anhui Co Ltd	China	Fusion protein vaccine composition and preparation method thereof
CN 113735968 A 20211203	Shandong Vocational Animal Sci & Veterin	China	The nanobody is used in the detection of anti-porcine infectious gastroenteritis virus
WO 2021256244 A1 20211223	Idemitsu Kosan Co	Japan	Agent comprising guanidomine as active ingredient for preventing gram-negative bacterial infection and disease damage from gram-negative bacterial infection
	The Kitasato Inst		
WO 2021261637 A1 20211230	Optipharm Co Ltd	South Korea	Novel campylobacter bacterium-specific bacteriophage opt-cj1 and antibacterial composition comprising same
WO 2021260164 A1 20211230	Incure Ab	Sweden	Thrombin c-terminal peptides to treat coronaviral infections
CN 113831394 A 20211224	Chinese Peoples Liberation Army Acad Mir	China	African swine fever virus protein for preventing and treating diseases caused by African swine fever virus
KR 20220013625 A 20220204	Kimyounsung	South Korea	Anti-Coronavirus composition comprising Lonicerapraeflorens extract as effective component
CN 113559274 A 20211029	Henan Xinghua Biotechnology Co Ltd	China	Freeze-drying protective agent of live vaccine of swine escherichia coli
WO 2022012604 A1 20220120	Novo Biotech Corp	China	Subunit vaccine composition for african swine fever, and preparation therefor and use thereof
WO 2021244997 A1 20211209	Hoffmann La Roche	Switzerland	Novel imidazopyrazne derivatives
	Hoffmann La Roche	USA	
CN 113546169 A 20211026	Wei Jianjun	China	Special method for preventing African swine fever

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113583137 A 20211102	Beijing Health Guard Bio- technology Co Ltd	China	Recombinant subunit vac- cine of novel coronavi- rus South African mutant strain and application of recombinant subunit vac- cine
CN 113687073 A 20211123	China Animal Husbandry Ind Co Ltd	China	African swine fever virus p54 blocking ELISA an- tibody detection kit and application thereof
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnolo- girs Co Ltd	China	Applications of hpk1 kina- se inhibitor in preventing and/or treating animal pathogen infection
CN 113509489 A 20211019	Lanzhou Veterinary Res Inst Caas	China	New application of sodium selenite or composition containing sodium seleni- te in preventing or trea- ting African swine fever
CN 113563461 A 20211029	Chinese Acad Inspection & Quarantine	China	Competitive monoclonal antibody based on African swine fever virus CD2v protein, kit and applica- tion thereof
WO 2022014654 A1 20220120	Neopharma Japan Co Ltd	Japan	Therapeutic and/or pro- phylactic agent for african swine fever (asf)
KR 20210156022 A 20211224	Republic Korea Animal & Plant Quarantine Agency	South Korea	2 Recombinant Porcine Circovirus type 2 Antigen and uses Thereof
CN 113640513 A 20211112	Hangzhou Hengao Tech- nology Co Ltd	China	Test strip useful for e.g. Rapid detection of antibo- dirts to African swine fever virus, and detecting Afri- can swine fever virus an- tibodirs in pig serum
US 2021379172 A1 20211209	Univ Iowa Res Found	USA	Poly(diaminosulfide) par- ticle-based vaccine
	Us Agriculture		
WO 2022007800 A1 20220113	Jiaxing Anyu Biotechnolo- gy Co Ltd	China	Recombinant adenovirus vaccine for african swi- ne fever and method for constructing same
WO 2021262019 A1 20211230	Proteon Pharmaceuticals S A	Poland	Synergistic composition of phages and its formation method
US 2022000803 A1 20220106	Kemin Ind Inc	USA	Compositions containing formaldehyde and organic acid for prevention of afri- can swine fever
WO 2022014675 A1 20220120	Univ Osaka	Japan	Oral medicine
	Acenet Inc		
WO 2022025831 A1 20220203	Verano Irac Sanayi Ve Ticaret Anonim Sirketi	Turkey	Pharmaceutical composi- tions for injection compri- sing tulathromycin

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022007420 A1 20220113	Hou Ming Hung	China	Anti-viral compounds and methods for screening same and treating viral infections
CN 113607952 A 20211105	Hangzhou Hengao Technology Co Ltd	China	African swine fever virus blocking ELISA antibody detection kit for detecting swine serum
WO 2022015823 A2 20220120	Zhejiang Hongsheng Biotechnology Co Ltd	USA	Methods for screening novel coronavirus antivirals and methods of using antivirals for the treatment of coronavirus infections
	Univ Georgia State Res Found		
WO 2022020593 A2 20220127	Boehringer Ingelheim Animal Health Usa Inc	USA	Combination porcine vaccine
CN 113785908 A 20211214	Nanjing Leidemengde Agric Technology Co	China	Composition useful e.g. For reducing diarrhea of livestock and poultry
CN 215227892 U 20211221	Airidengcaicike	China	Sampling device for pregnant female livestock abortion
JP 2021194355 A 20211227	Nat Agric & Food Res Org	Japan	Biosignal extracting device for diagnosing respiratory disease from cough sound of domestic animal
	Univ Hiroshima City		
WO 2022038072 A1 20220224	Sandoz Ag	Switzerland	Parenteral pharmaceutical composition comprising cyclophosphamide and a mixture of liquids
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising siricone
CN 113648335 A 20211116	Univ China Agricultural	China	Low-temperature enzymatic extraction of purslane for preventing and treating diarrhea in livestock and poultry
US 2022000963 A1 20220106	Inteq Llc	USA	Nutritional supplements for animal health and development
CN 113430177 A 20210924	Shandong Sinder Tech Co Ltd	China	Porcine epidemic diarrhea virus strain, inactivated vaccine, antibody and preparation method of antibody
WO 2022013755 A2 20220120	Env Bioorganic Scirnces Corporation	USA	Microbial compositions and method for producing thereof for use in treatment of contaminated soil, water, and/or surfaces
WO 2021263160 A2 20211230	Zivo Bioscirnce Inc	USA	Positive latency effects on coccidiosis prevention and treatment via animal feed
	Pfund Wirliam P		
	Steffek Amy E		
	Dahl Andrew A		



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US 2021386819 A1 20211216	Purdue Research Founda- tion	USA	Bioengineered lactobacir- lus probiotics and the uses thereof
CN 113563395 A 20211029	Hebei Veyong Bio Chem Co Ltd	China	Abamectin B2 derivati- ves as well as preparation method and application thereof
WO 2021252644 A1 20211216	Pardes Bioscirnces Inc	USA	Inhibitors of cysteine pro- teases and methods of use thereof



Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113786220 A 20211214	Changchun Inst Optics Fine Mechanics & P	China	The system is useful for treating infectious diseases, preferably SARS virus, H7N9 avian influenza virus, Ebola virus and new coronavirus.
KR 20210132763 A 20211105	Cho S H	South Korea	Antibacterial and anti-virus agent manufacturing method thereof and supplementary feed prepared thereby
	Kim S H		
	Sang Y K		
US 11168127 B1 20211109	Camas Incorporated	USA	Pathogen specific avian antibodies in the neonatal mammal
CN 113577262 A 20211102	Inst Animal Science & Veterinary Hubei Academy Agricultural Sciences	China	Heat-resistant protective agent, application of heat-resistant protective agent as poultry freeze-dried vaccine adjuvant, Newcastle disease heat-resistant live vaccine and preparation method of Newcastle disease heat-resistant live vaccine
CN 113616785 A 20211109	Jiangsu Acad Agricultural Sci	China	DNA vaccine capable of simultaneously expressing fadV-4 spike protein 1 and spike protein 2 genes as well as construction method and application of DNA vaccine
KR 20220009636 A 20220125	Univ Chung Ang Ind Acad Coop Found	South Korea	A composition for modulating the innate immune response of chickens comprising thereof or inhibitors
CN 113603766 A 20211105	Beijing Baoyi Biotechnology Co Ltd	China	Immune enhancer for vaccine, preparing immune enhancer, and in inactivated vaccines, live vaccines and subunit vaccines for poultry
CN 113730573 A 20211203	Jiaying Baoran Biological Tech Co Ltd	China	Antiviral composition and application thereof
CN 113827715 A 20211224	Pulike Biological Eng Inc	China	Vaccine composition useful for preventing and/or treating diseases caused by H7 subtype and/or H5 subtype avian influenza

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021257706 A1 20211223	Boehringer Ingelheim Animal Health Usa Inc	USA	Recombinant hvt vectors expressing influenza hemagglutinin and immunogenic compositions, and production and uses thereof
	Mebatsion Teshome		
US 2021386854 A1 20211216	Zoetis Services Llc	USA	Cell Line for Production of Marek's disease Virus Vaccine and Methods of Making and Using the Same
EP 3944770 A1 20220202	Mixscirnce	France	Anti-parasitic composition and uses thereof
CN 113633319 A 20211112	Changchun Inst Optics Fine Mechanics & P	China	Device for sampling pharyngeal throat swab of patient during infectious diseases
WO 2022008848 A1 20220113	Vaxinano	France	Method for preparing a vaccine composition from lyophilised antigens
	Betbeder Didirr		
CN 113813275 A 20211221	Univ Capital Medical	China	Preparing anti-coronavirus product for preventing/treating infections caused by coronavirus in human, cat, dog, pig and chicken
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
US 2021386091 A1 20211216	Superbrewed Food Inc	USA	Feed ingredient comprising butyrate and a selected fermentation product
CN 113461786 A 20211001	Pulike Biological Eng Inc	China	Avian influenza virus-like particle vaccine as well as preparation method and application thereof
CN 113583971 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Salmonella bacteriophage capable of simultaneously splitting escherichia coli, and application of salmonella bacteriophage
CN 113527476 A 20211022	Univ South China Agricult	China	Novel anti-H5 subtype avian influenza virus nanoantibody and application thereof
CN 113528347 A 20211022	Foshan Standard Bio Tech Co Ltd	China	Method for improving sorting success rate of fluorescent eimeria oocysts and application thereof
CN 113583975 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Bacteriophage composition and application thereof
US 2021353732 A1 20211118	Zivo Bioscience Inc	USA	Use of tlr4 modulator in the treatment of coccidiosis
WO 2022018576 A1 20220127	Phibro Animal Health Corporation	USA	Controlled release vaccine formulation
	Finger Avner	Israel	
	Khinich Yevgeny		

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113564072 A 20211029	New Hope Liuhe Co Ltd	China	Pediococcus acidiractici NHE-Pa11403 and application thereof
	Sichuan New Hope Animal Husbandry Tech Co Ltd		
	Chengdu Fenglan Scirnce And Tech Co Ltd		
CN 113717292 A 20211130	Univ Huazhong Agricultural	China	Fusion protein vaccine for chicken necrotic enteritis and preparation method thereof
WO 2022016308 A1 20220127	Univ Wuhan	China	Mavs protein degradation inhibitor and use thereof
CN 113480643 A 20211008	Univ Liaocheng	China	Preparation method of H5N8 subtype avian influenza virus HA polyclonal antibody
WO 2021256244 A1 20211223	Idemitsu Kosan Co	Japan	Agent comprising guadinomine as active ingredient for preventing gram-negative bacterial infection and disease damage from gram-negative bacterial infection
	The Kitasato Inst		
CN 113583972 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Escherichia coli bacteriophage capable of reducing antibiotic resistance and application thereof
WO 2021263162 A1 20211230	Zivo Bioscience Inc	USA	Immune priming to accelerate/enhance immune response through administration of natural immune modulator
	Steffek Amy E		
	Dahl Andrew A		
	Pfund William P		
CN 113648345 A 20211116	Bioforte Biotechnology Shenzhen Co Ltd	China	Composition useful for preventing and treating coccidiosis and Eimeria tenella infection in chicken
CN 113528462 A 20211022	Qingdao No Antibiotics Biotechnology Co Ltd	China	Phage composition and application thereof in different on it
CN 113456637 A 20211001	Univ East China Science & Tech	China	Anti-RNA (Ribonucleic Acid) virus drug quinoline derivative and application thereof
CN 113527432 A 20211022	Shandong Province Jianmu Biopharmaceuticals Co Ltd	China	Anti-H9N2 subtype avian influenza virus polypeptide and application thereof
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnologists Co Ltd	China	Applications of hpk1 kinase inhibitor in preventing and/or treating animal pathogen infection
CN 113730428 A 20211203	Shanghai Veterinary Res Inst Chinese Academy Agricultural Sciences China Ct Animal	China	Medicine for treating Newcastle disease virus infection and application thereof
WO 2022000205 A1 20220106	Zhaoqing Dahuanong Biology Medicine Co Ltd	China	Avian influenza vaccine adjuvant and use thereof
CN 113461623 A 20211001	Univ Yangtze	China	Antiviral compound and preparation method and application thereof

Nº de Publicación	Solicitante	País de origen	Contenido técnico
CN 113563453 A 20211029	Univ Sichuan	China	Preparation and application of chicken interleukin 17B recombinant lactic acid bacteria immune preparation
CN 113583976 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Bacteriophage composition and application thereof
WO 2022004877 A1 20220106	Nihon Nohyaku Co Ltd	Japan	Coccidiosis control agent and method for using coccidiosis control agent
WO 2021262019 A1 20211230	Proteon Pharmaceuticals S A	Poland	Synergistic composition of phages and its formation method
WO 2021257252 A1 20211223	Hofleitner Peter	USA	Composition for treating viral infections
CN 113430174 A 20210924	Ruikemeng Qingdao Biological Eng Co Ltd	China	Salmonella bacteriophage RDP-SA-19009 with high lysis property and application thereof
WO 2022019640 A1 20220127	Biographene Inc	South Korea	Antiviral pharmaceutical composition comprising graphene nanoparticles
WO 2021258055 A1 20211223	Kimberly Clark Co	USA	Saponin containing extracts prepared from hesperaloe useful in the treatment of non-human animals
WO 2022023932 A1 20220203	Vetagro Int S R L	Italy	Compositions comprising thymol and amino acids for use in the treatment of inflammatory or functional intestinal disorders
US 2021327055 A1 20211021	Qure Ai Tech Private Limited	India	Systems and methods for detection of infectious respiratory diseases
WO 2022009036 A1 20220113	Optimus Drugs P Ltd	India	Synthesis of favipiravir
WO 2021258056 A1 20211223	Kimberly Clark Co	USA	Saponin containing extracts prepared from hesperaloe useful in the treatment of non-human animals
CN 113577112 A 20211102	Lanzhou Inst Husbandry & Pharmaceutical Sciences Caas	China	Pharmaceutical composition for preventing and treating avian salmonellosis and preparation method thereof
WO 2022015823 A2 20220120	Univ Georgia State Res Found	USA	Methods for screening novel coronavirus antivirals and methods of using antivirals for the treatment of coronavirus infections
WO 2022026687 A1 20220203	Univ Florida	USA	Self-destructing salmonella as innate immunity activator to improve food safety

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021257434 A2 20211223	Us Biologic Inc	USA	Composition and method of an orally administered antimicrobial peptide vectored in a bacterial expression vehicle
	The United State Of America As Represented By The Secretary Of Agriculture		
WO 2021263160 A2 20211230	Zivo Bioscience Inc	USA	Positive latency effects on coccidiosis prevention and treatment via animal feed
	Pfund William P		
	Steffek Amy E		
	Dahl Andrew A		
CN 113785908 A 20211214	Nanjing Leidemengde Agric Technology Co	China	Composition useful e.g. For reducing diarrhea of livestock and poultry
CN 113577023 A 20211102	Xiang Liri	China	Trinitrogen amidine suspension injection and preparation method thereof
CN 113648335 A 20211116	Univ China Agricultural	China	Low-temperature enzymatic extraction of purslane for preventing and treating diarrhea in livestock and poultry
US 2021386819 A1 20211216	Purdue Research Foundation	USA	Bioengineered lactobacillus probiotics and the uses thereof
CN 113583118 A 20211102	Jiangsu Agri Animal Husbandry Vocational College	China	Single-chain antibody, chimeric antibody and double-sandwich ELISA detection kit for detecting Muscovy duck reovirus
CN 113583975 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Bacteriophage composition and application thereof
CN 113583976 A 20211102	Ruikemeng Qingdao Biological Eng Co Ltd	China	Bacteriophage composition and application thereof
WO 2021257706 A1 20211223	Boehringer Ingelheim Animal Health Usa Inc	USA	Recombinant hvt vectors expressing influenza hemagglutinin and immunogenic compositions, and production and uses thereof
	Mebatsion Teshome		



# VT Acuicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20220004479 A 20220111	Jeju Province Agric Res Extension Servic	South Korea	5 Pentavalent vaccine composition for preven- ting disease in fish and manufacturing method thereof: Vibrio, Uronema, Flexibacter, Tetrahymena, and parasites.
	Univ Jeju Nat Ind-Acad Coop Found		
CN 113583894 A 20211102	South China Sea Fisheris Res Inst Chinese Acad Fis- hery Scirnces	China	Lateolabrax japonicus pathogenic vibrio harveyi strain and inactivated va- ccine thereof
	Zhaoqing Dahuanong Bio- logy Medicine Co Ltd		
CN 113476433 A 20211008	Inst Of Hydrobiology Cas	China	.Application of glutamine in preparation of medicine for improving immunity of rainbow trout
WO 2021252927 A1 20211216	Pebble Labs Inc	USA	Novel probiotic bacteria and methods to control pathogens in aquatic ani- mals
WO 2021256938 A1 20211223	Mowi Asa	Norway	Method for removing crus- tacean ectoparasites from farmed salmonid fish using water-soluble tetrapyrrole compounds and light
CN 113563444 A 20211029	Zhuhai Campus Of Beijing Normal Univ	China	Polypeptide, application and shrimp breeding feed and medicine containing polypeptide

# VTApicultura



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022035326 A1 20220217	Quantum Tech Limited	New Zeland	Bee product extracts, methods of production and uses thereof
US 2022008276 A1 20220113	Curirl Gabrirl	Mexico	Pressure Differential-, Ultrasound-, and Magnetic-based Methods for Treating Viral Infections and other Pathogenic diseases, steririzing Medical Equipment, and Enhancing Fatty Tissue Reduction
	Waggett Gordon G	USA	
WO 2022018009 A1 20220127	Univ Versairles Saint Quentin En Yvelines	France	Molybdenum-based feed supplement for bees
	Centre Nat Rech Scirnt		
	Inst De Zoologir	Moldavia	
	Univ De Stat Din Moldova		



# VTÉquidos

Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022008784 A1 20220113	Univ Granada	Spain	Use of simple acyclic polyamines for the treatment of diseases caused by parasites of the genus leishmania
	Univ Valencia		
WO 2022008848 A1 20220113	Vaxinano	France	Method for preparing a vaccine composition from lyophilised antigens
	Betbeder Didirr		
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
WO 2022036024 A2 20220217	Univ Central Florida Res Found Inc	USA	Methods and compositions for stimulating gamma delta t cells
WO 2022037666 A1 20220224	Univ Beijing	China	Application of rdr protein in tumor therapy
US 2021353650 A1 20211118	Huang Cai Gu	USA	Pharmaceutical formulation containing remdesivir and its active metabolites for dry powder inhalation
	Hussain Abid		
CN 113444694 A 20210928	Harbin Veterinary Res Institute Caas Harbin Branch Of China Animal Health And Epidemiology Center	China	Streptococcus equi subspecies bacteriophage SP2019-LX strain and application thereof in preparation of glandular plague therapeutic drugs
WO 2021263070 A1 20211230	Csl Behring Llc	USA	Donor t-cells with kirl switch
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnologies Co Ltd	China	Applications of hpk1 kinase inhibitor in preventing and/or treating animal pathogen infection
EP 3939576 A1 20220119	Ceres Brain Therapeutics	France	Pharmaceutical compositions for treating infections by a neurotropic virus
	Commissariat A Lenergir Atomique Et Aux Energirs Alternatives Cea		
CN 113785908 A 20211214	Nanjing Leidemengde Agric Technology Co	China	Composition useful e.g. For reducing diarrhea of livestock and poultry
CN 215227892 U 20211221	Airidengcaিকে	China	Sampling device for pregnant female livestock abortion

Nº de Publicación	Solicitante	País de origen	Contenido técnico
KR 20220010798 A 20220127	Univ Kyungpook Nat Ind Acad Coop Found	South Korea	Composition of antimicrobial complex for animal comprising amphenicols and aminoglycosides
	Republic Korea Animal & Plant Quarantine		
CN 113577023 A 20211102	Xiang Liri	China	Trinitrogen amidine suspension injection and preparation method thereof
JP 2021194355 A 20211227	Nat Agric & Food Res Org	Japan	Biosignal extracting device for diagnosing respiratory disease from cough sound of domestic animal
	Univ Hiroshima City		
WO 2022038072 A1 20220224	Sandoz Ag	Switzerland	Parenteral pharmaceutical composition comprising cyclophosphamide and a mixture of liquids
CN 113730389 A 20211203	Inst Basic Medical Scirnces Cams	China	Application of oleic acid active substance in prevention and/or treatment of inflammatory diseases
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising siricone
CN 113648335 A 20211116	Univ China Agricultural	China	Low-temperature enzymatic extraction of purslane for preventing and treating diarrhea in livestock and poultry
CN 113559181 A 20211029	Univ Inner Mongolia Agri	China	Mongolian veterinary drug for resisting escherichia coli diarrhea and preparation method thereof
WO 2021261637 A1 20211230	Optipharm Co Ltd	South Korea	Novel campylobacter bacterium-specific bacteriophage opt-cj1 and antibacterial composition comprising same
WO 2021244997 A1 20211209	Hoffmann La Roche	Switzerland	Novel imidazopyrazne derivatives
		USA	
US 2022000963 A1 20220106	Inteq Llc	USA	Nutritional supplements for animal health and development
US 2021379172 A1 20211209	Univ Iowa Res Found	USA	Poly(diaminosulfide) particle-based vaccine
	Us Agriculture		
WO 2021262019 A1 20211230	Proteon Pharmaceuticals S A	Poland	Synergistic composition of phages and its formation method
WO 2022014675 A1 20220120	Univ Osaka	Japan	Oral medicine
	Acenet Inc		
WO 2022013755 A2 20220120	Env Bioorganic Scirnces Corporation	USA	Microbial compositions and method for producing thereof for use in treatment of contaminated soil, water, and/or surfaces

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
WO 2021263160 A2 20211230	Zivo Bioscience Inc	USA	Positive latency effects on coccidiosis prevention and treatment via animal feed
	Pfund William P		
	Steffek Amy E		
	Dahl Andrew A		
US 2021386819 A1 20211216	Purdue Research Foundation	USA	Bioengineered lactobacillus probiotics and the uses thereof
CN 113563395 A 20211029	Hebei Veyong Bio Chem Co Ltd	China	Abamectin B2 derivatives as well as preparation method and application thereof
KR 20220013625 A 20220204	Kimyounsung	South Korea	Anti-Coronavirus composition comprising Lonice-ra praeflorens extract as effective component

# VT Mascotas



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2022008784 A1 20220113	Univ Granada	Spain	Use of simple acyclic polyamines for the treatment of diseases caused by parasites of the genus leishmania
	Univ Valencia		
WO 2022008708 A1 20220113	Ceva Sante Animale	France	Veterinary compositions for preventing and/or treating leishmaniosis
WO 2022029447 A1 20220210	Petmedix Ltd	United Kingdom	Therapeutic antibodies
WO 2022008848 A1 20220113	Vaxinano	France	Method for preparing a vaccine composition from lyophilised antigens
	Betbeder Didirr		
CN 113499350 A 20211015	Univ Yunnan Agricultural	China	Method for improving transportation stress resistance of puppies of Kunming dogs by coprophorous fungus transplantation
	Kunming Police Dog Base Of The Mini Of Public Security		
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
WO 2022037666 A1 20220224	Univ Beijing	China	Application of rdr protein in tumor therapy
WO 2022023768 A1 20220203	Irc Therapeutics Ltd	United Kingdom	Compositions and methods relating to the treatment of diseases
US 2022009994 A1 20220113	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in felines and methods of use
US 2021347854 A1 20211111	Invetx Inc	USA	Compositions for increasing half-life of a therapeutic agent in canines and methods of use
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnologirs Co Ltd	China	Applications of hpk1 kinase inhibitor in preventing and/or treating animal pathogen infection
RU 2763673 C1 20211230	Linovitskaya Alena Arkadevna	Russian Federation	Method for cultivating toxocara larvae for diagnosing toxocariasis in cats



Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021243172 A1 20211202	Oncorus Inc	USA	Encapsulated rna replicons and methods of use
WO 2021246453 A1 20211209	Ishihara Sangyo Kaisha	Japan	Antimicrobial agent for nonhuman animal
US 2021379172 A1 20211209	Univ Iowa Res Found	USA	Poly(diaminosulfide) particle-based vaccine
	Us Agriculture		
WO 2022015374 A1 20220120	Bioderm Inc	USA	Topical composition for the treatment of psoriasis and related skin disorders
WO 2022020473 A2 20220127	Scripps Research Inst	USA	Disruption of cd28-sialoside ligand complexes to enhance t cell activation
WO 2022009134 A2 20220113	Bioceltix Spolka Akcyjna	Poland	Method of encapsulation of an active protein using electrodeposition techniques, an immunomodulating composition containing the active protein and a polymer, and its use for the production of a veterinary composition for the treatment of atopic dermatitis in animals
WO 2022019652 A1 20220127	Gi Innovation Inc	South Korea	Fusion protein including ige fc receptor and use thereof for treatment of canine allergic disease
WO 2022024156 A2 20220203	Evvivax S R L	Italy	Consensus sequence of the antigen telomerase and the use thereof in preventive and therapeutic vaccination
WO 2022038072 A1 20220224	Sandoz Ag	Switzerland	Parenteral pharmaceutical composition comprising cyclophosphamide and a mixture of liquids
CN 113730389 A 20211203	Inst Basic Medical Scirnc ces Cams	China	Application of oleic acid active substance in prevention and/or treatment of inflammatory diseases
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising siricone
WO 2021244997 A1 20211209	Hoffmann La Roche	Switzerland	Novel imidazopyrazne derivatives
		USA	
US 2022000963 A1 20220106	Inteq Llc	USA	Nutritional supplements for animal health and development
WO 2022014675 A1 20220120	Univ Osaka	Japan	Oral medicine
	Acenet Inc		
WO 2022015823 A2 20220120	Univ Georgia State Res Found	USA	Methods for screening novel coronavirus antivirals and methods of using antivirals for the treatment of coronavirus infections
WO 2021263160 A2 20211230	Zivo Bioscirnce Inc	USA	Positive latency effects on coccidiosis prevention and treatment via animal feed
	Pfund Wirliam P		
	Steffek Amy E		
	Dahl Andrew A		

<b>Nº de Publicación</b>	<b>Solicitante</b>	<b>País de origen</b>	<b>Contenido técnico</b>
US 2021386819 A1 20211216	Purdue Research Founda- tion	USA	Bioengineered lactobacir- lus probiotics and the uses thereof
KR 20220013625 A 20220204	Kimyounsung	South Korea	Anti-Coronavirus compo- sition comprising Lonice- ra praeflorens extract as effective component
WO 2021262672 A1 20211230	The Scripps Reasearch Inst	USA	Sars-cov-2 rbd constructs

# VTVarios



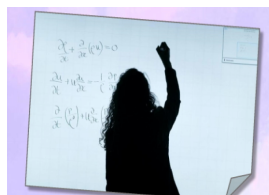
Nº de Publicación	Solicitante	País de origen	Contenido técnico
WO 2021254265 A1 20211223	Gargamel Zhuhai Biotech Ltd	China	Use of compound in prevention and/or treatment of pathogen infection in animals
CN 113730389 A 20211203	Inst Basic Medical Scirncs Cams	China	Application of oleic acid active substance in prevention and/or treatment of inflammatory diseases
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising siricone
WO 2021254118 A1 20211223	Zhuhai Yufan Biotechnologirs Co Ltd	China	Applications of hpk1 kinase inhibitor in preventing and/or treating animal pathogen infection
CN 113640524 A 20211112	Univ Nanjing Agric	China	Diagnostic reagents for Haemonchus contortus infection, and preventing and controlling Haemonchus contortus in ruminants e.g. Cattle, sheep, deer and camels
WO 2021250286 A1 20211216	Amicoat As	Norway	Antimicrobial formulations comprising siricone
WO 2022014675 A1 20220120	Univ Osaka	Japan	Oral medicine
	Acenet Inc		
US 2021386819 A1 20211216	Purdue Research Foundation	USA	Bioengineered lactobacillus probiotics and the uses thereof



## Premios a la mejor invención protegida mediante derechos de Propiedad Industrial

La actividad inventiva en todas las economías tiene una importancia indudable, y no solo en los países avanzados, sino también en aquellos que se encuentran en proceso de industrialización. Esta actividad inventiva, debidamente respaldada y protegida, genera un beneficio tanto en su titular como en el resto de la sociedad, potenciando el desarrollo tecnológico y el crecimiento económico.

[+ MÁS](#)



## Mesa redonda virtual OEPM: La mujer y la niña en la ciencia

El día 11 de febrero, la Organización de Naciones Unidas (ONU), celebra el "Día Internacional de la Mujer y la Niña en la Ciencia". El objetivo de la ONU de señalar un día para esta temática, es concienciar y promover el acceso y la participación de la mujer y la niña en la educación, formación e investigación en el campo de la ciencia y la tecnología. Este día es un reconocimiento al papel clave que desempeñan las mujeres en la comunidad científica y tecnológica.

[+ MÁS](#)



## ¿Sabrías reconocer un juguete falsificado?

Las falsificaciones suponen un perjuicio no sólo económico para las empresas y la sociedad en general, sino que también son un riesgo para la salud de los consumidores. En el caso de los productos infantiles, las falsificaciones suponen un grave peligro para la salud de los usuarios más vulnerables, como son los niños.

[+ MÁS](#)



## Foro Transfiere-Málaga

Un año más la Oficina Española de Patentes y Marcas, O.A. (OEPM) participó en Transfiere, Foro Europeo para la Ciencia, Tecnología e Innovación que celebró su undécima edición los días 16 y 17 de febrero de 2022 en el Palacio de Ferias y Congresos de Málaga (Fycma).

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## Convocatoria Proceso Selectivo para ingreso en la Escala de Titulados Superiores del MITC

¿Quieres trabajar en la OEPM? En el Boletín Oficial del Estado (BOE) del 18 de febrero de 2022 se ha publicado la convocatoria del proceso selectivo para el ingreso en la Escala de Titulados Superiores de Organismos Autónomos del MITC, especialidad de Propiedad Industrial.

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## Madrid se incorpora a la Red Europea de Autenticidades de la mano de la OEPM

La Oficina Española de Patentes y Marcas, O.A. (OEPM) y el Ayuntamiento de Madrid firmaron el pasado mes de diciembre el convenio que incluye a la ciudad de Madrid en la Red Europea de Autenticidades.

[+ MÁS](#)



## Mejoras en el sistema de búsqueda de la Base de Datos de Consulta de Expedientes "CEO"

La búsqueda efectiva, sencilla y eficiente en bases de datos resulta esencial en el sistema de propiedad industrial de protección de las diferentes modalidades, patentes, marcas y diseños industriales.

[+ MÁS](#)



## Publicación del nuevo folleto informativo de Marcas Colectivas y de Garantía

Las marcas colectivas y de garantía son un tipo especial de marcas con algunas características especiales. Desde la Oficina Española de Patentes y Marcas, O.A. (OEPM) hemos detectado la necesidad de explicar más en detalle estos títulos, y por ello se ha publicado un folleto informativo sobre Marcas Colectivas y de Garantía.

[+ MÁS](#)

# Noticias



La Fundación Vet+i habla sobre el Boletín de Vigilancia Tecnológica en Sanidad Animal en el webinar "Píldora informativa: Vigilancia Tecnológica en un clic. Sector Biosanitario"

La Oficina Española de Patentes y Marcas (OEPM) ha comenzado a ofrecer webinarios denominados "píldoras informativas" que ofrecen una fuente de información actualizada, de forma que pueda resultar lo más provechosa posible a la sociedad, en este caso, acerca del sector biosanitario.

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Publicado el Boletín de Vigilancia Tecnológica (BVT) de Sanidad Animal correspondiente al cuarto trimestre de 2021

El documento, que cuenta con casi 170 solicitudes de patentes de 29 países distintos, entre ellos España que cuenta con solicitudes de patentes en varias especies sobre la Fiebre del Valle del Rift, la Fiebre Aftosa o Escherichia coli, entre otros .

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La Fundación Vet+i vuelve a estar presente en Iberzoo+Propet 2022

Vet+i contó con un stand y presentó con gran éxito, en el Aula Veterinaria, la ponencia bajo el título "¿En qué afecta la nueva normativa europea y española en medicamentos veterinarios?"

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Vet+i se reúne con el Director de la Agencia Estatal de Investigación del Ministerio de Ciencia, Innovación y Universidades

El Director General junto con la Jefa de la Subdivisión de Programas Temáticos Científico-Técnicos valoraron muy positivamente las actuaciones e iniciativas llevadas a cabo por Vet+i en estos años.

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Plan Nacional Resistencia Antibióticos

La Fundación Vet+i presente en la sesión informativa acerca del nuevo Programa Reduce Antibióticos en el sector porcino

La Agencia Española de Medicamentos y Productos Sanitarios (AEMPS) celebra junto al Plan Nacional de Resistencia a Antibióticos (PRAN) el éxito del Acuerdo para la Reducción Voluntaria del Consumo de Colistina en el Sector del Ganado Porcino de España que comenzó en 2016.

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Santiago de Andrés, Presidente de la Fundación Vet+i, participa en el "One Health Summit Spain"

Expertos de diversas áreas se han reunido para "ir más allá" del concepto inicial de "One Health" y abordar estrategias a medio y largo plazo mediante la toma de acciones concretas que ayuden a alcanzar un buen estado de salud a todos los niveles.

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Vet+i participa una vez más a través de 'Vetresponsable' en la última reunión de EPRUMA

La Fundación trabaja activamente en las reuniones del "Core Group" de la Plataforma Europea sobre Uso Responsable de Medicamentos Veterinarios (EPRUMA) como miembro asociado.

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La Fundación Vet+i participa en la undécima edición del Foro Europeo para la Ciencia, Tecnología e Innovación

Vet+i ha estado presente en varias actividades en el marco del Foro Transfiere 2022, a través de las reuniones "Business to Business" y formando parte de la Mesa Redonda "Cómo mejorar la Transferencia de Conocimiento en España".

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