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**ABRIL 2018**

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### **AGRICULTURE, ECOSYSTEMS AND ENVIRONMENT N° 257**

Enhancing agricultural landscapes to increase crop pest reduction by vertebrates.

Semi-natural habitats boost *Drosophila suzukii* populations and crop damage in sweet cherry.

Veterinary antibiotics (VAs) contamination as a global agro-ecological issue: A critical view.

Insects as a piece of the puzzle to mitigate global problems: an opportunity for ecologists.

### **AGRICULTURE, ECOSYSTEMS AND ENVIRONMENT N° 258**

Uptake and toxicological effects of pharmaceutical active compounds on maize.

### **BASIC AND APPLIED ECOLOGY N° 26**

Grasshoppers affect grassland ecosystem functioning: Spatial and temporal variation.

Insects as a piece of the puzzle to mitigate global problems: an opportunity for ecologists

### **BRAZILIAN JOURNAL OF MICROBIOLOGY N° 49**

Diagnostics of tuberculosis and differentiation of nonspecific tuberculin reactions in animals.

### **CIENCIAS AGRONOMICAS Año 17 N° 30**

Efectos residuales de Imazamox sobre cultivos de invierno y de verano en Argentina.  
<http://www.cienciasagronomicas.unr.edu.ar/journal/index.php/agronom/issue/view/35>

### **CIENCIA E INVESTIGACION AGRARIA Vol. 44 N° 3**

Bacterias transmitidas por los alimentos en los productos lácteos: detección por técnicas moleculares.

Frecuencia de poblaciones de *Botrytis cinerea* resistentes a fungicidas en uva de mesa 'Thompson Seedless' en el Valle Central de Chile.

Inhibidor viral para el control del Virus de la mancha anular (PRSV) en *Carica papaya*  
[L.\[https://scielo.conicyt.cl/scielo.php?script=sci\\\_issues&pid=0718162020170003&lng=es&nrm=iso\]\(https://scielo.conicyt.cl/scielo.php?script=sci\_issues&pid=0718162020170003&lng=es&nrm=iso\)](https://scielo.conicyt.cl/scielo.php?script=sci_issues&pid=0718162020170003&lng=es&nrm=iso)

### **CROP PROTECTION N° 109**

Assessing the risk of containerized citrus contributing to Asian citrus psyllid (*Diaphorina citri*) spread in California: Residence times and insecticide residues at retail nursery outlets.

**EFSA JOURNAL Vol. 16 N°3**

Pest categorisation of *Scirtothrips aurantii*.  
Pest categorisation of *Scirtothrips citri*.  
Pest categorisation of *Unaspis citri*.

**FOOD CHEMISTRY N°255**

Enzyme immunoassay (ELISA/immunosensor) for a sensitive detection of pork adulteration in meat.

**FOOD CHEMISTRY N°256**

Quadruplex gold immunochromatographic assay for four families of antibiotic residues in milk.

**FOOD CHEMISTRY N°257**

Simultaneous determination of carotenoids, tocopherols, retinol and cholesterol in ovine lyophilised samples of milk, meat, and liver and in unprocessed/raw samples of fat.

**FOOD CHEMISTRY N°258**

Rapid detection and quantification of 2,4-dichlorophenoxyacetic acid in milk using molecularly imprinted polymers–surface-enhanced Raman spectroscopy.  
Validated multiclass targeted determination of antibiotics in fish with high performance liquid chromatography–benchtop quadrupole orbitrap hybrid mass spectrometry.

**FOOD CONTROL N°90**

Assessment of the post-mortem inspection of beef, sheep, goats and pigs in Australia:  
Approach and qualitative risk-based results.  
Classical and novel approaches to the analysis of honey and detection of adulterants.  
Developing official control in slaughterhouses through internal audits.  
Meat inspection and hygiene in a Meat Factory Cell e An alternative concept.

**FOOD MICROBIOLOGY N°74**

Survival of *Mycobacterium avium* subspecies *paratuberculosis* in retail pasteurised milk.

**JOURNAL OF APPLIED ENTOMOLOGY Vol 142 N°3**

Effectiveness of aromatic plant species for repelling and preventing oviposition of *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae).  
Natural occurrence of the entomopathogenic genus *Pandora* on spittlebug pests of crops and pastures in Argentina.

**JOURNAL OF CHROMATOGRAPHY A N°1542**

Investigating the causes of low detectability of pesticides in fruits and vegetables analysed by high-performance liquid chromatography –Time-of-flight.  
Optimization and application of parallel solid-phase extraction coupled with ultra-high performance liquid chromatography–tandem mass spectrometry for the determination of 11 aminoglycoside residues in honey and royal jelly.

**JOURNAL OF CHROMATOGRAPHY A N°1543**

Ultra-high performance liquid chromatography with fluorescence detection following salting-out assisted liquid–liquid extraction for the analysis of benzimidazole residues in farm fish samples.

**JOURNAL OF CHROMATOGRAPHY A N°1545**

Evaluation of supercritical fluid chromatography coupled to tandem mass spectrometry for pesticide residues in food.

**JOURNAL OF MICROBIOLOGICAL METHODS N°147**

Rapid detection of *Klebsiella pneumoniae*, *Klebsiella oxytoca*, *Raoultella ornithinolytica* and other related bacteria in food by lateral-flow test strip immunoassays.

**JOURNAL OF VIROLOGICAL METHODS N°256**

Loop-mediated isothermal amplification assay for detection of four immunosuppressive viruses in chicken.

**LEISA. REVISTA DE AGROECOLOGIA Vol. 33 N°4**

Una red de confianza tejida durante quince años: gobierno, agricultoras y agricultores urbanos.

Puentes solidarios entre productores y consumidores: PROSUMIDORES.

Construyendo lazos entre campo y ciudad para una alimentación justa, sana y de temporada en la zona periférica de la Ciudad de México.

<http://www.leisa-al.org/web/>

**LWT - FOOD SCIENCE AND TECHNOLOGY N°91**

Isolation and application of bacteriophages to reduce *Salmonella* contamination in raw chicken meat.

**LWT - FOOD SCIENCE AND TECHNOLOGY N°92**

Multiplex PCR to discriminate bovine, porcine, and fish DNA in gelatin and confectionery products.

**PEST MANAGEMENT SCIENCE Vol. 74 N°4**

Genetically engineering better fungal biopesticides.

**PIG PROGRESS – Antibiotic Reduction**

Antibiotic reduction in animal production.

Reducing antibiotic use in young animals.

Reducing antibiotic use sustainably.

Biosecurity against antibiotic resistance.

**POSTHARVEST BIOLOGY AND TECHNOLOGY N°140**

The fruit microbiome: A new frontier for postharvest biocontrol and postharvest biology.

**PREVENTIVE VETERINARY MEDICINE N°153**

Development of a risk assessment tool for improving biosecurity on pig farms.

Using multi-criteria risk ranking methodology to select case studies for a generic risk assessment framework for exotic disease incursion and spread through Europe.

**REVISTA ARGENTINA DE MICROBIOLOGIA Vol. 50 N°1**

Characterization of *Actinobacillus pleuropneumoniae* field strains antigenically related to the 3-6-8-15 group from diseased pigs in Japan and Argentina.

Passive immunity to control Bovine coronavirus diarrhea in a dairy herd in Argentina.

<https://www.sciencedirect.com/journal/revista-argentina-de-microbiologia/vol/50/issue/1>

**REVISTA DE PROTECCION VEGETAL Vol. 32 N°3**

Actividad antagonista de *Pseudomonas* spp. fluorescentes ante *Alternaria solana* Sorauer, patógeno de la papa (*Solanum tuberosum L.*).

Identificación bioquímica, fisiológica y patogénica de aislados bacterianos asociados a la pudrición blanda y pierna negra en papa.

[http://scielo.sld.cu/scielo.php?script=sci\\_issues&pid=1010275220170003&lng=es&nrm=iso](http://scielo.sld.cu/scielo.php?script=sci_issues&pid=1010275220170003&lng=es&nrm=iso)

## **REVISTA CIENTIFICA Y TECNICA OIE Vol. 36 N°2**

### **Reducción de las amenazas biológicas**

A brief history of biological weapons programmes and the use of animal pathogens as biological warfare agents.

Animal pathogens and their impact on animal health, the economy, food security, food safety and public health.

Emerging infectious disease risk: shared drivers with environmental change.

The role of climate change in a developing threat: the case of bluetongue in Europe.

Technological advances in veterinary diagnostics: opportunities to deploy rapid decentralised tests to detect pathogens affecting livestock.

Biosurveillance: a systematic review of global infectious diseases surveillance systems from 1990 to 2016.

Technologies for capturing and analysing animal health data in near real time.

The World Organisation for Animal Health and the World Health Organization: intergovernmental disease information and reporting systems and their role in early warming.

The Biological Weapons Convention

International health threats and global early warning and response mechanisms.

Sustainability and economic investments in animal health systems.

## **SUMMA PHYTOPATHLOGICA Vol. 43 N°4**

First report of Tomato mottle leaf curl virus infecting tomato in São Paulo State, Brazil.

[http://www.scielo.br/scielo.php?script=sci\\_issues&pid=0100540520170004&lng=en&nrm=iso](http://www.scielo.br/scielo.php?script=sci_issues&pid=0100540520170004&lng=en&nrm=iso)

## **TRANSBOUNDARY AND EMERGING DISEASES N°65**

Detection of *Brucella abortus* B19 strain DNA in seminal plasma by polymerase chain reaction in Brazil.

Development of a chemiluminescence immunoassay using recombinant non-structural epitope-based proteins to accurately differentiate foot-and-mouth disease virus-infected and vaccinated bovines.

First-time detection of porcine reproductive and respiratory syndrome virus (PRRSV) infection in Uruguay.

## **TRENDS IN FOOD SCIENCE & TECHNOLOGY N°75**

Surface enhanced Raman spectroscopy (SERS): A novel reliable technique for rapid detection of common harmful chemical residues.

## **VETERINARIA ARGENTINA Vol. XXXV N°359**

Enfermedad Respiratoria Bovina: Manejo preventivo y profilaxis.

Decomiso de vísceras de cerdos sacrificados en matadero y su impacto económico.

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## **VIRUS RESEARCH N°248**

Extermination of influenza virus H1N1 by a new visible-light-induced photocatalyst under fluorescent light.

Porcine reproductive and respiratory syndrome virus neutralizing antibodies provide *in vivo* cross-protection to PRRSV1 and PRRSV2 viral challenge.

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