

BOLETIN BIBLIOGRAFICO

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BOLETIN OIE N° 2

Editorial: Establecimiento de normas internacionales en el ámbito de la sanidad y bienestar animal: Misión primordial del mandato de la OIE.

Tribuna: Cómo los Países Miembros pueden dar y recibir más de la OIE.

Confirmación anual de los estatus sanitarios oficiales y los programas de control validados por la OIE: Nuevo instrumento en línea de la OIE.

Nuevas herramientas para sensibilizar a la comunidad internacional de la necesidad de luchar contra la rabia.

Epidemiología y programas de lucha contra las enfermedades animales. El Senecavirus A en Estados Unidos.

Nueva norma de la OIE sobre el bienestar de los équidos de trabajo.

Evaluación y aprobación de un nuevo patrón internacional de referencia de tuberculina bovina-

http://www.oie.int/fileadmin/Home/esp/Publications_%26_Documentation/docs/pdf/buletin/Bull_2016-2-ESP.pdf

CIENCIA RURAL Vol. 46 N° 10

Influence of osmotic dehydration on bioactive compounds, antioxidant capacity, color and texture of fruits and vegetables: a review.

Hydrogen sulfide alleviates chlorobenzene toxicity in soybean seedlings.

http://www.scielo.br/scielo.php?script=sci_issuetoc&pid=0103847820160010&lng=en&nrm=iso

CROP PROTECTION N° 90

Effect of tolerance to *Septoria tritici* blotch on grain yield, yield components and grain quality in Argentinean wheat cultivars.

Effects and side effects of penicillin injection in huanglongbing affected grapefruit trees.

The critical period for weed control in three corn (*Zea mays* L.) types.

The effect of combined application of the entomopathogenic fungus *Metarhizium anisopliae* and the release of predatory mite *Phytoseiulus longipes* for the control of the spider mite *Tetranychus evansi* on tomato.

EMERGING INFECTIOUS DISEASES Vol. 22 N° 9

Multidrug-Resistant *Escherichia coli* in Bovine Animals, Europe

<http://wwwnc.cdc.gov/eid/>

EFSA JOURNAL Vol. 14 N° 9

Re-evaluation of titanium dioxide (E 171) as a food Additive. EFSA Panel on Food Additives and Nutrient Sources added to Food (ANS).

EQUINE VETERINARY JOURNAL N° 48, Suppl. 50

The immunity gap challenge: protection against a recent florida clade 2 equine influenza strain.

EUROPEAN JOURNAL OF PLANT PATHOLOGY N° 146

First occurrence of *Diaphorina citri* in East Africa, characterization of the Ca.

Liberibacter species causing huanglongbing (HLB) in Tanzania, and potential further spread of *D. citri* and HLB in Africa and Europe.

FOOD CHEMISTRY N°217

Application of analytical methods in authentication and adulteration of honey.
Isotopic ratio analysis of cattle tail hair: A potential tool in building the database for cow milk geographical traceability.

Multi-class method for the determination of nitroimidazoles, nitrofurans, and chloramphenicol in chicken muscle and egg by dispersive-solid phase extraction and ultra-high performance liquid chromatography-tandem mass spectrometry.

Analytical Methods

QuEChERS-based extraction with dispersive solid phase extraction clean-up using PSA and ZrO₂-based sorbents for determination of pesticides in bovine milk samples by HPLC-DAD.

FOOD CHEMISTRY N°219

Rapid screening test for detection of oxytetracycline residues in milk using lateral flow assay.

FOOD CHEMISTRY N°218

An LC-MS/MS method for multi-mycotoxin quantification in cow milk.

INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY N°238

Characteristics of *Vibrio parahaemolyticus* isolates obtained from crayfish (*Procambarus clarkii*) in freshwater.

Virulence factors and antimicrobial resistance in *Escherichia coli* strains isolated from hen egg shells.

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY N°64

Aspergillus flavus SUMO contributes to fungal virulence and toxin attributes.

Effect of substrate on identification of microbial communities in poultry carcass composting and microorganisms associated with poultry carcass decomposition.

Simultaneous determination of 25 ergot alkaloids in cereal samples by ultraperformance liquid chromatography-tandem Mass Spectrometry.

Using PacBio long-read high-throughput microbial gene amplicon sequencing to evaluate infant formula safety.

JOURNAL OF CHROMATOGRAPHY A, N°1463

Large multiresidue analysis of pesticides in edible vegetable oils by using efficient solid-phase extraction sorbents based on quick, easy, cheap, effective, rugged and safe methodology followed by gas chromatography-tandem mass spectrometry.

Multi-residue determination of 210 drugs in pork by ultra-high-performance liquid chromatography-tandem mass spectrometry.

JOURNAL OF CHROMATOGRAPHY A, N°1466

Analytical method for the trace determination of esterified 3- and 2-monochloropropanediol and glycidyl fatty acid esters in various food matrices.

Magnetic metal-organic framework-titanium dioxide nanocomposites as adsorbent in the magnetic solid-phase extraction of fungicides from environmental water samples.

JOURNAL OF CHROMATOGRAPHY B N°1035

UPLC-MS/MS determination of florfenicol and florfenicol amine antimicrobial residues in tilapia muscle.

LA ALIMENTACION LATINOAMERICANA Año L N°325

Análisis: Composición química del grano de maíces especiales desarrollados en la Argentina para la industria alimentaria.

LA INDUSTRIA CARNICA LATINOAMERICANA Año XLI N° 200

La producción de cerdos mirando al año 2020.

Equinos: una carne sin consumo interno, pero con divisas millonarias.

Soluciones alimentarias: Extensión de la vida útil de productos cárnicos procesados mediante el uso de cultivos microbianos de bioprotección.

Inocuidad. Films de proteína de suero lácteo y gelatina con aceite esencial de orégano: actividad antimicrobiana en pechugas de pollo.

Procesos: Estudio de deshidratación de pescado a temperaturas sub cero.

LWT - FOOD SCIENCE AND TECHNOLOGY N°75

Cronobacter sakazakii in baby foods and baby food ingredients of dairy origin and microbiological profile of positive samples.

MEAT SCIENCE N° 122

Effect of temperature and water activity on growth and aflatoxin production by *Aspergillus flavus* and *Aspergillus parasiticus* on curedmeat model systems.

Monitoring of bacterial contamination on chicken meat surface using a novel narrowband spectral index derived from hyperspectral imagery data.

Potential use of organogels to replace animal fat in comminuted meat products.

MEAT SCIENCE N° 123

In vivo and *in vitro* effects of selected antioxidants on rabbit meat microbiota.

Proximate composition and physicochemical properties of European beaver (*Castor fiber* L.) meat.

PESQUISA VETERINARIA BRASILEIRA Vol. 36 N°6

Estudo comparativo e validação de três técnicas de PCR em tempo real (qPCR) para diagnóstico de Peste Suína Africana.

Análise de custo-efetividade de protocolos no diagnóstico da tuberculose bovina em um rebanho naturalmente infectado.

http://www.scielo.br/scielo.php?script=sci_issuetoc&pid=0100736X20160006&lng=en&nrm=iso

PREVENTIVE VETERINARY MEDICINE N° 132

Broken biosecurity? Veterinarians' framing of biosecurity on dairy farms in England.

Mycobacterium avium ssp. *paratuberculosis* detection in animals, food, water and other sources or vehicles of human exposure: A scoping review of the existing evidence.

PREVENTIVE VETERINARY MEDICINE N° 133

Application of slightly acidic electrolyzed water for decontamination of stainless steel surfaces in animal transport vehicles.

Evaluating the efficacy of regionalisation in limiting high-risk livestock trade movements.

RESEARCH IN VETERINARY SCIENCE N° 109

Application of ethnobotanical repellents and acaricides in prevention, control and management of livestock ticks: A review.

The zoonotic potential of *Lactococcus garvieae*: An overview on microbiology, epidemiology, virulence factors and relationship with its presence in foods.

Co-infection with *Mycobacterium bovis* does not alter the response to bovine leukemia virus in BoLA DRB3*0902, genetically resistant cattle.

REVISTA DE MEDICINA VETERINARIA Vol. 97 N° 2

Brote de coccidiosis aguda en cabritos en el departamento Pilcaniyeu, provincia de Río Negro, Argentina.

Control de la helmintiasis gastrointestinal mediante FAMACHA® en un tambo caprino con resistencia a ivermectina, fenbendazole y levamisol.

<http://www.someve.com.ar/revista/ultimo-numero.html>

REVISTA MEXICANA DE FITOPATOLOGIA Vol. 34 N° 3

Bacillus spp. in the Control of Wilt caused by *Fusarium* spp. in *Capsicum chinense*.

Aislamiento de levaduras killer a partir de hormigas del género *Atta* y su efecto sobre el hongo patógeno del tomate rojo *Geotrichum candidum*.

Mecanismos, aplicaciones y perspectivas del silenciamiento génico de virus en plantas.

Detection of Iris yellow spot virus in onion plants from Tepalcingo, Morelos state, Mexico.

Histopathology of the infection process of *Colletotrichum truncatum* in papaya and pea leaves.

<http://rmf.smf.org.mx/>

REVISTA RIA Vol. 42 N° 2

Silvopastoril, un sistema en expansión.

La ingeniería detrás del cultivo.

Alimentos funcionales: tecnología con valor.

Tratamientos hormonales para incrementar la eficiencia reproductiva en los ovinos.

Bienestar animal en bovinos de la leche: selección de indicadores vinculados a la salud y producción.

Estudios preliminares de la perla de la vid *Margarodes vitis* (hemiptera: margarodidae) en viñedos de La Consulta, Mendoza, Argentina.

Eficiencia de fungicidas de síntesis y orgánicos sobre la pudrición de corona del fruto de banano *Musa acuminata* Colla en la provincia de Formosa, Argentina.

<http://ria.inta.gov.ar/?p=8344>

SPANISH JOURNAL OF AGRICULTURAL RESEARCH Vol. 14 N° 3

Survival of honey bees (*Apis mellifera*) infected with *Crithidia mellificae* spheroid forms (Langridge and McGhee: atcc ® 30254™) in the presence of *Nosema ceranae*.

Inhibitory effects of dietary aflatoxin B1 on cytokines expression and t-cell subsets in the cecal tonsil of broiler chickens.

Optimization of foramsulfuron doses for post-emergence weed control in maize (*Zea mays* L.).

Effect of the spray volume adjustment model on the efficiency of fungicides and residues in processing tomato.

<http://revistas.inia.es/index.php/sjar/issue/view/138>

TALANTA N° 161

A novel Schiffbasenetwork-1 nanocomposite coated fiber for solid-phase microextraction of phenols from honey samples.

Capillary electrochromatography coupled with dispersive liquid-liquid microextraction for the analysis of benzimidazole residues in water samples.

Exploiting multispectral imaging for non-invasive contamination assessment and mapping of meat samples.

FT-Raman and NIR spectroscopy data fusion strategy for multivariate qualitative analysis of food fraud.

Proof of concept study for different-sized chitosan nanoparticles as carbon dioxide (CO₂) indicators in food quality monitoring.

TECNOLOGÍA LACTEA LATINOAMERICANA Año XXI N°93

Soluciones alimentarias: Factores que afectan la textura de los yogures.

Sustentabilidad: la GDAA presentó su segundo informe anual.

Inocuidad: Aspectos ambientales y calidad de agua en tambos del noreste de la provincia de Santa Fe, Argentina.

Investigación y desarrollo: Relevamiento de actividades de desarrollo e innovación en pymes lácteas.

Acido linoleico conjugado (CLA), sus efectos benéficos como un alimento funcional (parte 2).

TECNOLOGÍA LACTEA LATINOAMERICANA Año XXI N°94

El INTI estudia una protección ecológica que prolonga la vida de quesos artesanales.

Innovación en cultivos para quesos pasta filata.

Empleo de inulina en matrices alimentarias.

Optimización de las propiedades reológicas de kefir mediante análisis estadístico multivariado de las condiciones de fermentación.

Análisis de textura instrumental en quesos comerciales deshidratados por proceso de microondas al vacío.

Calidad: producción de leche caprina: características composicionales y del conteo de células somáticas.

THE VETERINARY JOURNAL N°216

Molecular epidemiology of senecavirus A associated with vesicular disease in pigs in Brazil.

Recent developments in the diagnosis of avian influenza.

TOXICON N°119

Application of rapid test kits for the determination of paralytic shellfish poisoning (PSP) toxins in bivalve molluscs from Great Britain.

TOXICON N°121

Neurotoxins from *Clostridium botulinum* (serotype A) isolated from the soil of Mendoza (Argentina) differ from the A-Hall archetype and from that causing infant botulism.

TRANSBOUNDARY AND EMERGING DISEASES.N°63

New Insights into *Mycobacterium bovis* Prevalence in Wild Mammals in Portugal

TRENDS IN FOOD SCIENCE & TECHNOLOGY N°56

Determinants for conducting food safety culture research.

Machine vision system for food grain quality evaluation: A review.

Risk-based integrity audits in the food chain - A framework for complex systems.

VETERINARIA ARGENTINA Vol. 33 N°341

Brucella ovis en la República Argentina.

Bronquitis verminosa en bovinos.

VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY N°180

Multinucleated giant cell cytokine expression in pulmonary granulomas of cattle experimentally infected with *Mycobacterium bovis*.

VETERINARY MICROBIOLOGY N°195

Molecular and epidemiological population-based integrative analysis of human and animal *Mycobacterium bovis* infections in a low-prevalence setting.

VETERINARY RESEARCH

First case of chronic wasting disease in Europe in a Norwegian free-ranging reindeer. Variations in T cell transcription factor gene structure and expression associated with the two disease forms of sheep paratuberculosis.

Data-driven network modelling of disease transmission using complete population movement data: spread of VTEC O157 in Swedish cattle.

<http://veterinaryresearch.biomedcentral.com/>

LIBROS IMPRESOS

Seijo, Alfredo, C. (2015) ***Atlas de zoonosis y enfermedades emergentes***. Fundación Mundo Sano.

(2009) Truol, Graciela Ana María; ***Enfermedades virales asociados, al cultivo de trigo en Argentina, reconocimiento, importancia, formas de tratamiento y manejo***. Inta, Córdoba.

LIBROS DIGITALES

Omkar (2016) ***Ecofriendly pest management for food security*** Academic Press Publications, London.

Tsakalidou, E.,ed.; Papadimitriou, K.,ed. (2016) ***Non-bovine milk and milk products***. Academic Press Publications, London.

Gupta, Surinder Kumar, ed. (2016) ***Breeding oilseed crops for sustainable production. Opportunities and constraints***. Academic Press- Elsevier, London.

Taylor, M., ed. (2015) ***Handbook of natural antimicrobials for food safety and quality***. Woodhead Publishing.

(2015) ***Guía para la vigilancia sanitaria de los animales terrestres***. Organización Mundial de Sanidad Animal (OIE), Paris.

Mueller, J.P.,ed.; Cueto, M.I., ed.; Robles, C.A., ed. (2015) ***Actualización en producción ovina 2015: Memorias del IX Curso San Carlos de Bariloche 14 al 18 de septiembre 2015***. Ediciones Inta, Buenos Aires.

(2014) ***Manual de buenas practicas agricolas (BPA) para la producción de nuez de nogal***. Ministerio de Agricultura, Ganadería y Pesca de la Nación, Buenos Aires.

Fernandez, P.J; White William (2010) ***Atlas of transboundary animal diseases***. World Organisation for Animal Health (OIE), Paris.

Chin-Yi Chan, ed.; Yan Xianghe, ed.; Jackson Charlene, ed. (2015) ***Antimicrobial resistance and food safety. Methods and techniques***. Academic Press, London.

(2009) Laguna, I.G.; Conci, V.; Rodríguez Perdina, P.; Truol, G.; Fiorona, M.; Di Feo, L.; ***Procedimiento empleado en la identificación de organismos fitopatógenos.*** Inta, Córdoba.