

## NUEVA BIBLIOGRAFÍA – JUNIO 2025

Recopiladas por la Coordinación de Documentación e Información al Ciudadano (CDeIC)  
responde@senasa.gob.ar; [biblioteca@senasa.gob.ar](mailto:biblioteca@senasa.gob.ar)

### BIOLOGICALS Vol. 91

- Vaccination and surveillance for **high pathogenicity avian influenza in poultry**—current situation and perspectives.

[Consulta en línea](#)

### EPIDEMICS Vol. 51

- Modeling the transmission dynamics of **African swine fever virus** within commercial swine barns: Quantifying the contribution of multiple transmission pathways.

### EUROPEAN JOURNAL OF PLANT PATHOLOGY Vol. 172 N° 2

- Virulence characterization of *Puccinia graminis* f. sp. *avenae* in **Argentina**

### FOOD CHEMISTRY Vol. 484

- A recyclable and durable azo-linked porous organic polymer for fast enrichment and sensitive **detection of diamide insecticides** in environmental and food samples.
- Colorimetric/fluorescent dual-mode biosensor based on metalloporphyrin covalently modified NH<sub>2</sub>-MIL-101(Fe) with highly efficient peroxidase-like activity for the **detection of tetracycline in honey** samples.
- Suspect and non-targeted screening methodologies for the **detection of newly discovered organochlorines**: Application to chlordane in food.
- A self-powered photoelectrochemical sensor based on Cs<sub>3</sub>Bi<sub>2</sub>Br<sub>9</sub>/BiOBr photocathode for **acetamiprid detection** in vegetables.

### FOOD CHEMISTRY Vol. 485

- Migration of chemical substances from **packaging materials** to food.
- Carbon dots: An emerging **food analysis nanoprobe** for **detection of contaminants**.
- Identification and **adulteration detection** of *Heterotrigena itama* and *Apis dorsata* **honey** using differential scanning calorimetry and convolutional neural networks with data augmentation.
- Selecting a representative tea for risk assessment of **pesticide residue in tea**: Afidopyropen as a case.
- Simultaneous determination of **pesticide residues** and rapid discrimination of **corn** production origin using ambient ionization mass spectrometry combined with machine learning.

### FOOD CHEMISTRY Vol. 486

- A portable 3D-printed lab-on-a-chip device for on-site monitoring of **thiamethoxam residue in food samples**.
- A novel idiotypic-based noncompetitive immunoassay based on the dissociation of immunocomplex for **detection atrazine in vegetables**.

- Magnetic effervescence-assisted salting-out liquid-liquid extraction enables fast and effortless determination of **pyrethroid insecticide residues** in **fresh fruits and herbal plants**.

#### FOOD CONTROL Vol. 177

- Identification of drivers of change of **emerging food safety risks** in **Europe**.

[Consulta en línea](#)

- Exploring the efficacy of bacteriophage cocktails for mitigating ***Vibrio*** contamination within the **seafood production chain**: A feasible approach to microbial risk management.

#### FOOD MICROBIOLOGY Vol. 131

- Multi-laboratory validation study of a real-time PCR method for detection of ***Salmonella*** in **frozen fish**.

#### FOODS Vol. 17 N° 7

- With or Without You?—A Critical Review on **Pesticides in Food**.

[Consulta en línea](#)

- Recent Advances in Food Safety: Nanostructure-Sensitized Surface-Enhanced Raman Sensing.

[Consulta en línea](#)

#### INDUSTRIAL CROPS AND PRODUCTS Vol. 231

- Carbon quantum dots: Multifunctional fluorescent nanomaterials for sustainable advances in biomedicine and agriculture.

[Consulta en línea](#)

#### INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY Vol. 437

- Design and methodology for monitoring the occurrence of foodborne pathogens in meat and poultry in United States: Case study of ***Campylobacter*** on **chicken**

#### INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY Vol. 439

- Epidemiological and genomic characterization of a rare foodborne outbreak caused by ***Bacillus paranthracis*** in Huzhou, China, 2024.

[Consulta en línea](#)

#### JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY Vol. 73 N° 17

- Beyond Dosage: The Need for More Realistic Research Scenarios to Understand **Pesticide Impacts** on Agricultural Soils.

[Consulta en línea](#)

#### JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY Vol. 73 N° 18

- New Analytical Methods: A Rapid and Robust Targeted Proteomics Method for the Quantitation of **Cross-Contaminations** and **Adulterations** with Meat in **Vegan and Vegetarian Meat Analogues**.

#### JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY Vol. 73 N° 19

- Bicycled Hairpin Assembly-Mediated SERS/Colorimetric Dual-Mode Sensor for the Detection of **Dexamethasone in Milk and Pork**.

#### JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

- New Analytical Methods. From Target to Unknown: Comprehensive Identification and Risk Assessment of **Organophosphate Pesticides** in Foodstuffs.

#### JOURNAL OF DAIRY SCIENCE Vol. 108 N° 5

- Quantification and metabolic variations of **mycotoxins in raw milk**: Implications for dairy cow health and human safety.

[Consulta en línea](#)

#### JOURNAL OF FOOD COMPOSITION AND ANALYSIS Vol. 145

- Carbon dots-based fluorescent immunosensor for highly sensitive detection of **leucomalachite green** in **fish and shrimp samples**.
- Development and validation of a green and practical method for studying **pesticides** and related **chemical compounds** in **bee pollen samples** by UAE-LC-QTOF-MS.
- Integrated UHPLC-PDA and GC-ECD approaches for detecting **pesticide residues** in **frozen fruits and vegetables**: Unveiling contaminants and assessing health risks.
- Biocontrol of **toxicity heavy metal residues** in **milk** and **dairy products** via a probiotic cocktail in soft cheese.
- High-precision identification of **zearalenone contamination** in **wheat** based on olfactory sensor combined with near-infrared spectroscopy.
- Simultaneous detection of two **pesticides** by colorimetric and fluorescence dual-response sensor based on aptamer and gold nanoparticles.

#### JOURNAL OF FOOD PROTECTION Vol. 88 N° 6

- Regulatory Landscape and the Potential of Bacteriophage Applications in the United States' Food Industry.

[Consulta en línea](#)

#### JOURNAL OF FOOD SCIENCE Vol. 90 N° 5

- Application of Molecularly Imprinted Polymers as Separation Tools for Determination of **Aflatoxins in Food**.

[Consulta en línea](#)

#### JOURNAL OF MICROBIOLOGICAL METHODS Vol. 235

- Application of a rapid and sensitive RPA-CRISPR/Cas12a assay for BCSP31-based **Brucella** detection.

#### JOURNAL OF FOOD PROTECTION Vol. 88 N° 7

- Comparison of Methods for Extraction of Infectious **Influenza Virus** from **Raw Milk Cheeses**.

[Consulta en línea](#)

- **Flies** as Vectors of **Foodborne Pathogens** Through **Food Animal Production**: Factors Affecting Pathogen and Antimicrobial Resistance Transmission.

[Consulta en línea](#)

**JOURNAL OF PLANT PATHOLOGY Vol. 107 N° 2**

- Citrus phytochemicals as potential therapeutics against **asiatic citrus psyllid** and ***Candidatus Liberibacter asiaticus***: targeting the tripartite interaction.
- First report of **grapevine Roditis leaf discoloration-associated virus** infecting grapevine in **Argentina**.
- First report of **grapevine hammerhead viroid-like RNA** infecting grapevine in **Argentina**.

**JOURNAL OF STORED PRODUCTS RESEARCH Vol. 113**

- **Phosphine** as a possible alternative to methyl bromide for the phytosanitary treatment of **wood products**.

[Consulta en línea](#)

**JOURNAL OF VIROLOGICAL METHODS Vol. 337**

- Establishment of an immunoperoxidase monolayer assay for the **detection** of **African swine fever virus** antibodies.

**MEAT SCIENCE Vol. 226**

- Towards a '**One quality**' approach of **pork**: A perspective on the challenges and opportunities in the context of the farm-to-fork continuum – Invited review.

[Consulta en línea](#)

**MEAT SCIENCE Vol. 227**

- **Mycotoxins** in meat products.

[Consulta en línea](#)

- Application of machine learning for optimizing biomarker combinations and guiding decisions on **meat authentication**.

[Consulta en línea](#)

**PEST MANAGEMENT SCIENCE Vol. 81 N° 6**

- How urban proximity shapes **agricultural pest dynamics**: a review.

[Consulta en línea](#)

- ZnO quantum dots reduce acquisition of **huanglongbing** pathogen by *Diaphorina citri*.

**PLOS ONE Vol. 20 N° 5**

- Effect of **ozone** application on **bovine carcasses** in abattoir cold chambers.

[Consulta en línea](#)

**PREVENTIVE VETERINARY MEDICINE Vol. 241**

- Current practice and future directions in **syndromic surveillance** for animal health: A scoping review and analysis.

[Consulta en línea](#)

**PREVENTIVE VETERINARY MEDICINE Vol. 242**

- Implementation of **biosecurity measures** according to legislation in **intensive poultry production**: An overview across 22 EU and non-EU countries.

[Consulta en línea](#)

#### REVISTA ARGENTINA DE MICROBIOLOGIA Vol. 57 N° 2

- The dual impact of **Trichoderma** on soil microbial communities: beneficial or disruptive?

[Consulta en línea](#)

- Factores de riesgo asociados a la presentación de **brucelosis** en establecimientos mixtos de **caprinos-bovinos** de la provincia de Formosa, **Argentina**.

[Consulta en línea](#)

- *Gluconobacter spp.* y *Paenibacillus polymyxa* causan pudrición en **zanahorias** comerciales aparentemente sanas.

[Consulta en línea](#)

#### REVISTA BIODIVERSIDAD, SUSTENTO Y CULTURAS N° 124

- La semilla en su encrucijada.

[Consulta en línea](#)

#### REVISTA MEXICANA DE FITOPATOLOGÍA Vol. 43 N° 2

- Etiología del **anillamiento del pedúnculo** de frutos de **aguacate** (*Persea americana*) var. Hass.

[Consulta en línea](#)

#### TALANTA Vol. 295

- A bimetallic nanozyme with high peroxidase-like activity for visual detection of **organophosphorus pesticides**.

#### TRANSBOUNDARY AND EMERGING DISEASES

- Quantifying Time-Dependent Predictors for the International Spatial Spread of **Highly Pathogenic Avian Influenza H5NX**: Focus on Trade and Surveillance Efforts.

[Consulta en línea](#)

#### TRENDS IN FOOD SCIENCE & TECHNOLOGY Vol. 160

- Advances in mechanisms, designs, and applications of colorimetric sensor arrays for **food quality control and authenticity verification**.

#### TRENDS IN FOOD SCIENCE & TECHNOLOGY Vol. 161

- Exploring alternative detection methods for azole-containing **pesticide residue** detection in food: A systematic review and future perspective.

[Consulta en línea](#)

- **Halal** considerations that signpost a **cellular agriculture** compatible with world religions.

#### TRENDS IN FOOD SCIENCE & TECHNOLOGY Vol. 162

- Overcoming risk of bacterial biofilm challenges in **cultured meat production**: Innovative strategies for safety and sustainability.

- Development of **cultivated fish meat**: Advances in cellular agriculture, biomaterials, and scaffolding techniques.

#### **VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY Vol. 284**

- Immunogenicity assessment of a **swine fever-swine circovirus type 2** duplex vaccine candidate created using the Zera nanoparticle delivery method.

#### **VETERINARY MICROBIOLOGY Vol. 306**

- **Equine infectious anemia virus** worldwide prevalence: A 24-year retrospective review of a global equine health concern with far-reaching implications.

[Consulta en línea](#)

#### **VETERINARY RESEARCH**

- A serologic marker attenuated live vaccine protects piglets against **highly pathogenic porcine reproductive and respiratory syndrome virus** infection.

[Consulta en línea](#)

- Review of **respiratory syndromes in poultry**: pathogens, prevention, and control measures.

[Consulta en línea](#)

- Detection, transmission and spread of airborne **avian influenza** and **Newcastle disease viruses**: experimental and field investigations.

[Consulta en línea](#)

#### **VETERINARY RESEARCH COMMUNICATIONS Vol. 49 N° 4**

- Monoclonal antibody based competitive 3AB non-structural protein ELISA for detection of **foot-and-mouth disease** virus infection.

#### **VETERINARY WORLD Vol. 18 N° 3**

- $\beta$ -Aminopropioamidoximes derivatives as potential antitubercular agents against anthroponotic infections caused by *Mycobacterium tuberculosis* and *Mycobacterium bovis*.

[Consulta en línea](#)

#### **WORLD JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY Vol. 41 N° 5**

- Molecular methods for rapid detection and identification of **foodborne pathogenic bacteria**.