



8th PhDay Biología

- 9:00 – 9:15** Recepción y acreditación
- 9:15 – 9:30** Inauguración
- 9:30 – 10:00** Ponencia inaugural: **Antonio González Martín**
Profesor de la Universidad Complutense de Madrid

Aportaciones de la paleogenómica a la biología evolutiva.

Sesión I

- 10:00 – 10:15** **Elisa Quarta**
Nutritional iron deficiency effects on microbiota-gut-brain axis
- 10:15 – 10:30** **Marwane Bourqia Ramzi**
From the Microbiome to the Electrome: Implications for the Microbiota-Gut-Brain Axis
- 10:30 – 10:45** **Gemma Valera Arévalo**
Biomarkers of cardiovascular and thrombotic risk in chronic kidney disease
- 10:45 – 11:00** **María Rubert Hernández**
Modulation of cannabinoid receptor 2 expression and activity in the breast tumor microenvironment
- 11:00 – 11:15** **Natalia Elena Expósito de la Paz**
Targeting epigenetic modifications to improve somatic embryogenesis: the role of H4 acetylation
- 11:15 – 11:30** **Carmen Soler Zamora**
Designing a novel biological water quality index: implementing metabarcoding and machine learning techniques using Arcellinida as a model

Sesión II

- 12:00 – 12:15** **Luna Ballester García**
Antimicrobial activity of enterocins L50A and L50B against *Clostridoides difficile*: understanding the mechanisms of Fecal Microbiota Transfer
- 12:15 – 12:30** **Amaya de Cos Gandoy**
Bacterial community structure and diversity patterns of mountain rock basins from the Sierra de Guadarrama National Park
- 12:30 – 12:45** **Alicia Portela Estévez**
Origin and history of Agote people: a Genomics perspective
- 12:45 – 13:00** **Albert Carné Constans**
A race against extinction: the challenge to overcome the Linnean amphibian shortfall in tropical biodiversity hotspots.
- 13:00 – 13:15** **Sandra Navas Sastre**
Effect of forest management in taxonomic, functional and phylogenetic diversity of Mediterranean Scot pine (*Pinus sylvestris*) understory plant communities.
- 13:15 – 13:30** **Darío Fidalgo Casares**
How do hippos grow?

Sesión III

- 14:30 – 14:45** **Miguel López Cano**
Reconstrucción seral de falanges: Estudio en Hominini
- 14:45 – 15:00** **Mario Benítez Prián**
Can the strangest amphibians save us? Diversity and molecular evolution of antimicrobial peptides in caecilians.
- 15:00 – 15:15** **Mercè Palacios López**
Unraveling the migratory behaviour of hoopes (*Upupa epops*): a multidisciplinary journey through eco-immunology, genomics, stable isotopes analysis and satellite tracking
- 15:15 – 15:30** **Ángela Aguado-Lara**
Euphorbiaceae Afrotropicales en la Lista EDGE: Tesoros Evolutivos al Borde de la Extinción
- 15:30 – 15:45** **Jaume Xavier Soler Mari**
Analysis of the endemicity of the Dianic territory. Implications for the conservation of species and habitats
- 15:45 – 16:00** **Lucía Villaescusa González**
Ethnobotany and medical applications in Acalypha: a global review with taxonomic assessment



Salón de actos
Facultad de C.C. Biológicas
UCM



Jueves, 3 de octubre
9:00 - 18:30

16:00 – 17:00

Sesión Póster

Alejandro Arriero-Cabañero

Transplantation of predegenerated peripheral nerves after complete spinal cord transection in rats: Effect of neural precursor cells and pharmacological treatment with the sulfolipid Tol-5

Manuel Francisco Blanco Roldán

Effects of insoluble solids and lignocellulose-derived inhibitors on *Kluyveromyces marxianus* CECT 10875 on fermentation performance.

Adrián Duro Peinó

Determinantes ecológicos del tamaño territorial del gato montés (*Felis silvestris*) en Europa.

Alejandra Fernández Hernández

The arabidopsis pat1 proteins differentially regulate plant responses to abiotic stress

Nuria García Martínez-Illescas

Short exposure to nanomolar cannabinoids promotes breast cancer differentiation

Irene García Toledo

Descifrar el efecto de diferentes dietas a lo largo de la vida en las alteraciones motoras y cognitivas causadas por la desregulación de TDP-43

Gloria Gómez Montesino

Effect of pegylation on pulmonary surfactant-driven interfacial vehiculation of drug delivery systems

Tamara González Illanes

Response of sweet cherry leaves to foliar application of calcite and kaolinite

Guillermo González Salso

melanoma-derived extracellular vesicles promote t cell exhaustion that can be reverted using immunoregulatory micrnas

Sergio Izquierdo Gea

Intraspecific genomic and pheotypic diversity in *Yarrowia lipolytica*, an industrially relevant yeast.

Claudia Lansac Nieto

Searching for the culprits of drastic declines on a Colombian cloudforest amphibian community

Javier Lescure Rodríguez

Study of climate adaptations in cranial morphology using geometric morphometry

Juan Lombardo Hernández

In vitro co-culture of cortical neurons and probiotic bacteria *Lactiplantibacillus plantarum* induces morphological, structural, and transcriptomic changes in neural cells

Carla Maya López

El envejecimiento renal es una cuestión de género.

Sara Morán de Bustos

Evaluation of disease dynamics and immune response in sheep experimentally infected subcutaneously or intranasally with Rift Valley fever virus.

Tessa Lynn Nester

eDNA techniques unveil the dietary and distribution patterns of the invasive Eastern mosquitofish in Spain: Insights for Endangered toothcarp conservation

David Aurelio Oropesa Olmedo

Desiccation in Mediterranean oak acorns: does morphology influence germination rate?

Covadonga Pérez García

Rise of pneumococcal serotype 3 is associated with clade 1- α /GPSC12 involving enhanced evasion of the host immune response and disease potential

Pedro Rebollo

Forest diversity modulates differential species responses to disturbances in Iberian forests

Arturo Rodríguez Pascual

Una evaluación de los principales mecanismos detrás de la relación entre biodiversidad y estabilidad a través de escalas (BIOSTAR: BIODiversidad STabilidad Relaciones)

Luis Javier Sánchez Martínez

Application of artificial intelligence to improve the treatment of acute child malnutrition in emergency contexts

17:30 Entrega de premios y clausura



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