



# 7<sup>th</sup> PhDay Biología



Facultad de C.C. Biológicas  
UCM



Jueves, 5 de octubre



9:00 - 18:30

## Programa

- 9:00 – 9:15** Recepción y acreditación
- 9:15 – 9:30** Inauguración
- 9:30 – 10:00** Ponencia inaugural. **Sonia Molino**  
*Herbario y campo: una aventura mundial para resolver los misterios del Parablechnum*

### Sesión I

- 10:00 – 10:15** **Alberto González-Casarrubios**  
*Kinorhyncha: the mud dragons – the importance of standardization in science*
- 10:15 – 10:30** **Lisbeth Herrera-Castillo**  
*Ghrelin involvement in the anxious state of food anticipation in fish.*
- 10:30 – 10:45** **Tatiana Jaramillo-Vivanco**  
*Ethnobiology of edible palm weevil larvae, *Rhynchophorus palmarum*, in amazonian ecuador.*
- 10:45 – 11:00** **Luis Javier Sánchez-Martínez**  
*Impact of a simplified treatment protocol for acute malnutrition with a decentralized treatment approach in emergency settings*
- 11:00 – 11:15** **Luis Fernando Basanta Reyes**  
*Transformaciones naturales e inducidas de humedales, a largo plazo, en La Mancha Húmeda. Efectos sobre el comportamiento de las aves acuáticas.*
- 11:15 – 11:30** **Esteban del Pozo Márquez**  
*A first approach to the origins of Spanish oceanography. The HMS Challenger and its impact on nineteenth century Spain (1872 - 1890)*

### Sesión II

- 12:00 – 12:15** **Juan Andrés De Pablo Moreno**  
*Lentiviral gene therapy for factor v deficiency, cellular and animal models. a hope for an ultra-rare disease*
- 12:15 – 12:30** **Lorena Ortiz Marín**  
*Paleo-oncología en Egipto y Próximo Oriente antiguos*
- 12:30 – 12:45** **Esther García Díez**  
*A cocoa-carob blend modulates gut microbiota in an animal model of type 2 diabetes*
- 12:45 – 13:00** **Yolanda Posada Franco**  
*To establish the reference intervals (ris) of the reticulocyte profile in our population*
- 13:00 – 13:15** **Óscar Gutiérrez Jiménez**  
*Role of *TRIB3* in the development of non-alcoholic steatohepatitis and hepatocellular carcinoma*
- 13:15 – 13:30** **Irene García Toledo**  
*Lipid metabolism in *tdp-43* proteinopathies*

### Sesión III

- 14:30 – 14:45** **Covadonga Pérez García**  
*Relevance of *Streptococcus pneumoniae* serotype 3 in the context of invasive pneumococcal disease.*
- 14:45 – 15:00** **Santiago Roque de Miguel Sanz**  
*Transcriptomic analysis sheds light on enhanced PHBV production in a *Rhodospirillum rubrum* mutant with unpaired pigmentation synthesis.*
- 15:00 – 15:15** **Carolina Gómez Albarrán**  
*Development of mutants of *Aspergillus niger* defective in OTA production using the CRISPR/Cas9 technology.*
- 15:15 – 15:30** **Manuel Francisco Blanco Roldán**  
*The combination of insoluble solids and lignocellulosic-derived inhibitors alters *K. marxianus* fermentation performance.*
- 15:30 – 15:45** **Sergio Izquierdo Gea**  
*Insight on the cellular signaling mechanisms in *Yarrowia lipolytica* strains*
- 15:45 – 16:00** **Guillermo Rodríguez Alonso**  
**Streptomyces exfoliatus*: a microorganism source of enzymes with biotechnological interest.*

## Sesión Póster

- 16:00 – 16:55** **Pedro Rebollo**  
*Cambios en la dominancia de especies en bosques de la Península Ibérica: factores subyacentes y efecto de la diversidad*
- Albert Carné Constans**  
*Malagasy herpetological diversity*
- Marina García del Río**  
*Experimental manipulation of nest temperature and relative humidity reduces ectoparasites and affects body condition of blue tits (*Cyanistes caeruleus*)*
- Mercè Palacios**  
*Stable isotope analysis is a reliable method for identifying migrants and residents in a partial migratory European hoopoe (*Upupa epops*) population in southern Spain*
- Paloma Ruiz de Diego**  
*Getting to know the odd-man-out: a model-clade approach to investigate the drivers shaping tropical african plant diversity*
- María Rubert Hernández**  
*Cannabinoid receptor 2 in the breast tumor microenvironment: role in tumor progression*
- Ainhoa Collada Marugán**  
*Further insight into the effect of polymers in pulmonary surfactant structure and function*
- Sergio Plaza Alonso**  
*A 3-D journey to study the synapses of the Human Entorhinal Cortex*
- Pablo Cea Callejo**  
*Biological nanoparticles as platforms for the development of viral detection systems*
- Julio María Martínez Aniceto**  
*Holistic management of epidemics in contexts of limited resources*
- Gonzalo Aparicio Rodríguez**  
*Time compaction in humans: biological or cultural gender bias?*
- Juan P. Quintanilla**  
*Divergent hippocampal representations underlie reference and working memory processes*
- Elena Tovar Ambel**  
*Tratamiento glioblastoma, cannabinoides, anticuerpos*
- Javier Vicente Sánchez**  
*Genetic and phenotypic diversity in the yeasts *Lachancea thermotolerans* and its implications in wine industry*
- Clara Melguizo Ávila**  
**Aspergillus flavus*, an emerging risk of aflatoxin contamination in grapes?*
- José María Alonso de Robador Lorente**  
*Activación de los mecanismos de defensa en plantas de vid (*Vitis vinifera*, L.)*
- Ana Sánchez Arroyo**  
*Degradation of ochratoxin A by a bifunctional aminoacylase/carboxypeptidase in *Alcaligenes faecalis* subsp. *phenolicus* DSM 16503T*
- Marina Usieto Albero**  
*Modeling heat transfer during cooking of fish*

## Mesa redonda

- 17:00 – 18:00** **5 visiones del doctorado desde la perspectiva del género**

Ponentes:

- Maite González Jaén**  
Catedrática de Universidad
- Cristina Sánchez García**  
Profesora Titular de Universidad
- Mirían Domenech Lucas**  
Profesora Ayudante Doctora
- Verónica Cruz Alonso**  
Contratada post-doctoral
- Elisa Pérez Badás**  
Contratada post-doctoral

Moderadora:

- Esther Pérez Corona**  
Vicedecana de Investigación y Doctorado

- 18:00 – 18:30** Entrega de premios y clausura



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