



# Programa Sesiones Orales



13 octubre 2021

9:30 *Bienvenida y conferencia inicial*  
9:45 **Homenaje a Carlos Vicente Córdoba**

10:00 *Conferencia plenaria I. Margarita Marqués Martínez*  
(Universidad de León). Entre dos aguas: de células STEM y otros cantares.

## Comunicaciones orales: Sesión I

10:30 **Andrea Seral.** Effects of Martonne aridity index and altitude on stomatal traits in two *Asplenium* L saxicolous ferns species.

10:45 **Anibal Sánchez.** CB1 receptors deficiency in oligodendrocyte precursors disrupts postnatal oligodendrogenesis and causes hypomyelination in mice.

11:00 **Diego López.** Invasion in the city: monitoring the expansion of the Argentine ant, *Linepithema humile* (Mayr, 1868), in the urban environment of Madrid natural.

11:15 **Paula Alonso.** In-depth analysis of Cdc14 meiotic behaviour reveals a novel pre-anaphase I role for the phosphatase.

11:30 **Eduardo Tranque.** PAT1 proteins differentially regulate abiotic stress response in *Arabidopsis*.

11:45 **Irene Picazo.** Effects of ambient alkaline pH on gene expression: a key regulatory role for the cation-homeostasis transcription factor SlfA

12:00 **Elena Alonso.** A Case Report of Chronic Stress in Honey Bee Colonies Induced by Pathogens and Acaricide Residues.

12:15 *Pausa para el café\**

## Comunicaciones orales: Sesión II

12:45 **Elena Requena.** The use of comparative genomics for the identification of *Penicillium rubens* strain 212 genes involved in the control of tomato vascular disease.

13:00 **Fernando García.** Unravelling the taxonomy of the genus *Belgrandia* Bourguignat, 1870 (Mollusca: Hydrobiidae) in the Iberian Peninsula through the use of multilocus species delimitation methods.

13:15 **Héctor Lorente.** Diversity and phylogeny of membrane intrinsic proteins across eukaryotes.

13:30 **Jorge Peralta.** Diversity patterns and distribution of aquatic Hemiptera in coastal wetlands of Perú.

13:45 **Iván Martín.** Improving protein loop modelling for antibody H3-CDR loops.

14:00 **Jorge García.** The early maternal environment shapes the parental response to offspring UV ornamentation.

14:15 **Julio Sempere.** Treatment of *Staphylococcus aureus* and *Streptococcus pneumoniae* mixed biofilms by antioxidants

14:30 *Comida y sesión de pósteres*

15:30 *Conferencia plenaria II. Aldo Croquer.* La restauración de arrecifes de coral: logros, limitaciones y retos.

## Comunicaciones orales: Sesión III

16:15 **Natasha Tilikj.** How to resist dry soil: transcriptional changes in a Mediterranean earthworm during aestivation.

16:30 **Mariano Rodríguez.** EphB2 and EphB3 in Murine Mesenchymal Stromal Cells Biology.

16:45 **Pablo Recio.** Site selection based on conspecific chemicals in the amphibiaenian *Blanus rufus*.

17:00 **Carolina Pascual.** Extraction and characterization of Argentine red shrimp (*Pleoticus muelleri*) phospholipids as raw material for liposome production.

17:15 **Rubén Vázquez.** The genus *Cranfillia* (Blechnaceae, Polypodiopsida): key to natural sections proposed for the genus.

17:30 **Sonia Molino.** Taxonomy and evolution of *Parablechnum*, the most diverse genus of one of the most recent fern families.

18:15 *Entrega de premios y ceremonia de clausura*

