

3rd IBMCP Young Researchers Symposium

19 May 2023 | Yellow cube conference hall, CPI, UPV, Valencia

9:15 **WELCOME** by Prof. Pablo Vera

9:30 **YOUNG RESEARCHERS I** (Chair: Antonio Serrano Mislata)

9:30 **Alba Lloret Compañ (MPIPZ, Germany)**. Role of microRNA156/7 and SPL15 in the age-dependent flowering response in annual and perennial plants

9:55 **Noel Blanco Touriñán (University of Lausanne, Switzerland)**. Lateral plumbing: when two vascular strands become one

10:20 **María Flores Tornero (ITQB, Portugal)**. Sexual plant reproduction: gametes and interactions

10:45 **Sara López Gomollón (University of Cambridge, UK)**. Small RNAs from transposable elements affect gene expression in tomato hybrids

11:10 **COFFEE BREAK** (Purple cube hall, CPI)

11:40 **YOUNG RESEARCHERS II** (Chair: Marian Nohales)

11:40 **Carlos Trujillo Moya (BFW, Austria)**. Efforts to bring plant molecular biology and high-throughput phenotyping to the forest facing biotic and abiotic stresses under a climate change scenario

12:05 **Reyes Ródenas Castillo (LRSV-CNRS, France)**. Insights into the high affinity iron transporter IRT1 of Arabidopsis

12:30 **Carmen Sánchez Cañizares (University of Oxford, UK)**. Shaping microbial physiology through carbon and nitrogen metabolism

12:55 **Laura Medina Puche (ZMBP, Germany)**. Molecular determinants underpinning the dynamic dual localization of a viral protein in the plant cell

13:30 **LUNCH BREAK** (Purple cube hall, CPI)

15:00 **TECHNOLOGY TRANSFER – UNDERTAKING** (Chair: Regina Niños Rodenes)

15:00 **Laura Zacarés Sanmartin (Head of Tech Transfer at IBMCP)**. Biotechnology for agrifood applications: challenges and innovation opportunities

15:15 **Iván García Besada (CEO and Co-founder of Néboda Farms)**. The application of industry 4.0 in agriculture

15:30 **ROUND TABLE: FUTURE AGRICULTURAL CHALLENGES FOR PLANT BIOTECHNOLOGISTS** (Chair: Borja Belda Palazón)

Jesús Agüero González (Director of BIOVAL)

Javier Brumós Fuentes (Researcher at IBMCP, UPV-CSIC)

Bernardo Cuenca Bono (Crop Co-ordinator Melon & Watermelon EMEA at Rijk Zwaan)

Marta Guadalupe Rivera Ferré (Research Professor at INGENIO, CSIC-UPV)

Carlos Trujillo Moya (Researcher at BFW, Austria)

17:00 **HAPPY HOUR** (Purple cube hall, CPI)

ORGANIZING COMMITTEE

Borja Belda Palazón

Regina Niños Rodenes

Marian Nohales

Antonio Serrano Mislata