

## Programa

### Jueves, 13 de diciembre

- 12.00 h : Recogida de documentación  
12.45 h : Inauguración  
13.00 h : Luis López-Molina (U. de Ginebra, Suiza)  
*The role of the endosperm in Arabidopsis early post-embryonic development*

13.45 h : Comida

### Sesión 1

- 15.15 h : Roberto Solano (CNB, Madrid)  
*Evolutionary divergence in the bioactive jasmonate in land plants*
- 15.35 h : Juan Carlos del Pozo (CBGP, Madrid)  
*New insights in the root responses to phosphate starvation*
- 15.55 h : José León (IBMCP, Valencia)  
*Nitric oxide-triggered responses require the biosynthesis, perception and signaling of several phytohormones*
- 16.15 h : Inmaculada Sánchez-Vicente y María Guadalupe Fernández-Espinosa (CIALE, Salamanca)  
*S-nitrosylation of bZIPs by nitric oxide modulates early plant developmental stages*
- 16.30 h : Marina Pérez-Llorca (U. de Barcelona)  
*Inter-individual and sun orientation driven variability reveals antagonistic salicylate and jasmonate accumulation in white-leaved rockrose*
- 16.45 h : Julia Pastor (U. Jaume I, Castellón)  
*Peptide hormone Systemin in plant-induced resistance*

17.00 h : Pausa para el café

### Sesión 2

- 17.30 h : Luis Oñate (CBGP, Madrid)  
*A regulatory module controlling endosperm cell expansion with an impact on seed germination*
- 17.50 h : Antonio Serrano-Mislata (IBMCP, Valencia)  
*Cell-cycle regulators mediate DELLA separable roles during inflorescence development*
- 18.10 h : Cristina Martínez (CNB, Madrid)  
*Independent roles of DELLAs in growth repression and abiotic stress tolerance*

- 18.30 h : Sergio Nebauer (U. Politécnica de Valencia)  
*The Dof-type transcription factor ZF4 regulates primary metabolism, sink strength and gibberellin biosynthesis in tomato fruit*
- 18.45 h : Daniela Barro-Trastoy (IBMCP, Valencia)  
*Gibberellins negatively modulate ovule number in plants*
- 19.00 h : Michela Osnato (CRAG, Barcelona)  
*Deciphering the role of Arabidopsis TEM floral repressors in adaptive growth*
- 19.15 h : Daniel Ventimilla (IVIA, Valencia)  
*Silencing of INFLORESCENCE DEFICIENT IN ABSCISSION-like proteins arrests corolla abscission in Nicotiana benthamiana*
- 19.30 h : Luis F García del Moral (U. de Granada)  
Reflectancia espectral de hojas de tomate sometido a estrés salino tras la aplicación de un vigorizante comercial conteniendo GAs
- 19.45 h : Fin de la jornada
- 21.00 h : **Cena en el restaurante del Hotel NH Valencia Center**

## **Viernes, 14 de diciembre**

### **Sesión 3**

- 9.30 h : Pedro Rodríguez (IBMCP, Valencia)  
*PYL8 mediates ABA perception in the root through non-cell-autonomous and ligand stabilization based mechanisms*
- 9.50 h : Vicente Rubio (CNB, Madrid)  
*Hormone-mediated disassembly and inactivation of a plant E3 ubiquitin ligase complex*
- 10.10 h : Manuel Rodríguez Concepción (CRAG, Barcelona)  
*Chloroplasts modulate elongation responses to canopy shade by retrograde pathways involving HY5 and ABA*
- 10.30 h : Carlos de Ollas (U. Jaime I, Castellón)  
*Phenotypic characterization of ABA deficient/insensitive mutants*
- 10.45 h : Cristina Martínez-Andújar (CEBAS, Murcia)  
*Ethylene influences tomato plant growth under nutrient deficiency and salt stress through affecting root system architecture*

### **11.00 h : Pausa para el café**

### **Sesión 4**

- 11.30 h : Stephan Pollmann (CBGP, Madrid)  
*A novel nexus connecting auxin with growth repression*
- 11.50 h : Jaime Martínez García (CRAG, Barcelona)  
*Hormones and plant responses to shade: stranger things*

- 12.10 h : Miguel A Moreno Risueño (CBGP, Madrid)  
*An auxin hormone-signaling factors oscillator regulates time-dependent branching in the Arabidopsis root*
- 12.30 h : José Manuel Pérez-Pérez (U. Miguel Hernández, Elche)  
*A developmental framework of adventitious root formation in tomato hypocotyls after wounding*
- 12.45 h : Ricardo Mir (UC Riverside, EEUU)  
*A DII domain-based auxin reporter uncovers low auxin signaling during telophase and early G1*
- 13.00 h : María Victoria Alarcón (CICYTEX, Badajoz)  
*Auxinas en el desarrollo del sistema radicular de plántulas de maíz*

13.15 h : Comida

### Sesión 5

- 15.00 h : Concha Gómez Mena (IBMCP, Valencia)  
*Hormonal control of fruit initiation mediated by the tomato HYDRA gene*
- 15.15 h : Elena Sánchez (CNB, Madrid)  
*Studies of DWARF14, the strigolactone receptor in Arabidopsis thaliana*
- 15.30 h : Juan A López Ráez (EEZ, Granada)  
*Exogenous strigolactone application affects phosphate starvation signaling and alters transcriptional and metabolic profiles in tomato*
- 15.45 h : Candela Cuesta (U de Oviedo)  
*Plant ramification in Pinus pinaster: environmental role and physiological bases*
- 16.00 h : Miguel González-Guzmán (CIB, Madrid / U. Jaime I, Castellón)  
*Plant-mediated effects of water deficit on the performance of Tetranychus evansi on tomato drought-adapted accessions*
- 16.15 h : Pilar García Jiménez (U. de Las Palmas, Gran Canaria)  
*Red seaweed reproduction. What's else beyond cystocarps development?*
- 16.30 h : Eugenio Llorens (U. Jaime I, Castellón)  
*Implicación del ácido jásmonico en la inducción de defensa contra Pseudomonas syringae en tomate mediado por endófitos*
- 16.45 h : Ester Hurtado Fernández (U. de Jaén)  
*Medición de hormonas vegetales mediante HPLC-masas triple cuadrupolo en extractos de plantas sometidas a estrés por daño mecánico*
- 17.00 h : Clausura