

# Centro de Biotecnología y Genómica de Plantas (CBGP, UPM-INIA)

## Ciclo de seminarios 2019/2020 – Primer Cuatrimestre

**4 de octubre**

**Dr. Ángel Goñi-Moreno.** School of Computing, Newcastle University, UK  
 The computing power of living systems

**18 de octubre**

**Dr. Frederic Berger-GMI** - Gregor Mendel Institute of Molecular Plant Biology (Vienna, Austria)  
 Maintenance and reprogramming of the epigenetic mark H3K27me3 in plants

**25 de octubre**

**Jaime Iranzo**- Centro de Biotecnología y Genómica de Plantas UPM-INIA, Madrid , España  
 Horizontal gene transfer, virus-host arms races, and the evolution of microbial and viral genomes.

**8 de Noviembre**

**Dr Jonathan F. Wendel** - Distinguished Professor in the Department of Ecology, Evolution, and Organismal Biology at Iowa State University, USA  
 The Wondrous Cycles of Polyploidy in Plants

**15 de noviembre**

**Dr. Sabine Zimmermann-B&PMP**(Biochemistry and Plant Molecular Physiology), (Montpellier, France)  
 Unravelling nutrient exchange in ectomycorrhizal symbiosis contributing to plant potassium nutrition

**22 de noviembre**

**Dr. Luz Irina Calderón**-Leibniz Institute of Plant Biochemistry (IPB)&Science Campus Halle (Germany)  
 Making-of the Ubiquitin Code on AUX/IAA Proteins for Auxin Signal Transmission

**29 de noviembre**

**Dr. Jean-Luc Gallois** - Genetic and Plant Breeding Unit, INRA Avignon, France  
 eIF4E-mediated resistance to viruses: from natural variation to edited alleles

**13 de diciembre**

**Dr. Fernando Andrés Lalaguna**- (INRA, France)  
 Genetic and molecular control of bud dormancy cycle in apple trees

**17 de enero**

**Dr. Victor Flors**- Universidad Jaime I (Castelló, Spain)  
 Induced resistance and multi-way interactions to protect crops against phytophagous spider mites

**24 de enero**

**Dr. Sonsoles Martín Santamaría**- Centro de Investigaciones Biológicas (CIB, CSIC) (Madrid, Spain)  
 Molecular recognition of immunity receptors: approaches from the computational chemistry towards drug design and modulation

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# Centro de Biotecnología y Genómica de Plantas (CBGP, UPM-INIA)

## Ciclo de seminarios 2019/2020 – Segundo Cuatrimestre

7 de febrero

**Dr. Luis Serrano.** Centre for Genomic Regulation - CRG, Barcelona, España  
Understanding of a small bacteria and its engineering for lung therapy

14 de febrero

**Dr. Carolina Escobar.** Universidad de Castilla la Mancha, España  
Deciphering the nurturing organs induced by root-knot nematodes

21 de febrero

**Dr. Juan Luis Ramos.** Estación Experimental Zaidín, CSIC, Granada, España  
The double life of *Pseudomonas putida*: A ubiquitous soil bacterium and a useful microbial chassis

6 de marzo

**Dr Sabine Zimmermann.** Biochemistry and Plant Molecular Physiology, B&PMP. Montpellier, France.  
Unravelling nutrient exchange in ectomycorrhizal symbiosis contributing to plant potassium nutrition

13 de marzo

**Dr. Elena Cartea.** Misión Biológica de Galicia, CSIC, Pontevedra, Galicia. España.  
20 años investigando con las Brásicas

20 de marzo

**Dr. Nicole F. Steinmetz.** Center for NanoImmuno Engineering. University of California, San Diego. USA.  
Plant viral nanoengineering: Therapeutics targeting plant and human health

27 de marzo

**Dr. Alberto Acedo.** Biome Makers Inc. San Francisco, EEUU. Universidad de Valladolid, España.  
Emergent properties in soil microbiome networks as biomarker of farming sustainability

17 de abril

**Dr. Victor Sourjik.** Max Planck Institute for Terrestrial Microbiology. SYNMIKRO, Marburg. Alemania  
Environmental regulation, benefits and costs of bacterial motility

24 de Abril

**Dr. Rodrigo Jiménez-Saiz-** National Center for Biotechnology (CNB-CSIC), Madrid. España  
On the maintenance of Th2 immunity and the microbial regulation of enteric eosinophils

8 de mayo

**Dr. Manuel Rodríguez Concepción.** CRAG, Barcelona. España.  
Playing with colors: synthetic pathways to make and store carotenoids in plants

22 de mayo

**Dr. Marilyne Uzest .** Biology and genetics of plant-pathogen interactions" (BGPI). INRA, Montpellier. Francia  
Identification of plant virus receptors in aphid mouthparts

29 de mayo

**Francesco Di Serio.** Universidad de Pisa. Italia  
Viroids and viroid diseases

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