

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

Online Seminar Series (2021-2022) via Zoom at 12:30

<http://www.cbgp.upm.es>

September 24th

Dr. Andrea Sánchez-Vallet. Centro de Biotecnología y Genómica de Plantas (UPM-INIA), Pozuelo de Alarcón (Spain).

Virulence genes in a fungal plant pathogen: Chromatin remodeling and plant adaptation

October 1st

Dr. Raquel Sánchez Pérez. Centro de Edafología y Biología Aplicada del Segura (CSIC), Murcia (Spain).

How a Leu/Phe substitution in a bHLH transcription factor sweetened humanity

October 15th

Dr. Manuel Delgado Baquerizo. Universidad Pablo de Olavide, Sevilla (Spain).

The fundamental importance of conserving soil biodiversity

October 22nd

Dr. Debora Gasperini. Leibniz Institute of Plant Biochemistry, Halle (Germany).

Fences in turmoil: interplay between plant cell walls and jasmonate production

November 5th

Dr. Shiraz Shah. Copenhagen Prospective Studies on Asthma in Childhood, Herlev and Gentofte Hospital, University of Copenhagen, Copenhagen (Denmark).

Hundreds of viral families in the healthy infant gut.

November 12th

Dr. Ruben Garrido-Oter. Max Planck Institute for Plant Breeding Research, Köln (Germany).

Reconstructing the plant microbiota: from synthetic communities to synthetic ecosystems

November 19th

Dr. Nicole Steinmetz. University of California, San Diego (USA).

NanoEngineering gone viral: plant virus-based therapeutics

**Seminar at
16:00 CET**

December 10th

Dr. Javier Gallego Bartolomé. Instituto de Biología Molecular y Celular de Plantas (UPV-CSIC), Valencia (Spain).

Targeted manipulation of DNA methylation in plants

January 14th

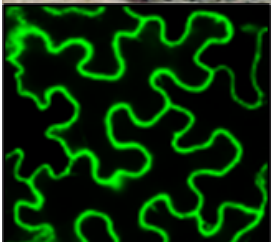
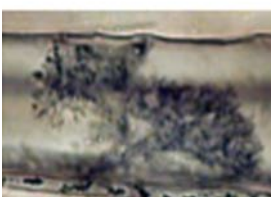
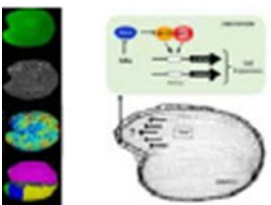
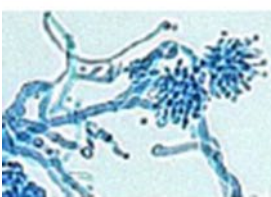
Dr. Mauricio González. Laboratorio de Bioinformática y Expresión Génica. INTA-Universidad de Chile. Fondap Center for Genome Regulation (CGR), Macul (Chile).

Title to be announced

January 21st

Dr. Kerstin Kaufmann. Humboldt-Universität zu Berlin, Berlin (Germany)

Title to be announced



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February 4th

Dr. Cristina Nieto. Plant Genetic Resources Centre (CRF, INIA-CSIC), Madrid (Spain).
Modeling for Arabidopsis thermomorphogenesis

February 11th

Dr. Cyrille Saintenac. Université Clermont Auvergne, INRAE, Clermont-Ferrand (France).
Wheat resistance toward the devastating fungal pathogen Zymoseptoria tritici

February 18th

Dr. Christina Wege. University of Stuttgart
Re-shaping the future of nano: Synthetic plant virology for particle design and biosensor enhancement.

March 4th

Prof. Dr. Heribert Hirt. Center for Desert Agriculture, King Abdullah University of Science and Technology (Kingdom of Saudi Arabia).
Reprogramming of host and microbe metabolisms during beneficial plant-microbe interaction.

March 25th

Emilio Rodríguez Cerezo. European Commission Joint Research Centre (JRC), Sevilla (Spain).
Current and future market applications of New Genomic Techniques

April 1st

Dr. Nicola Patron. Earlham Institute, Norwich (UK)
TBC

April 21st

Dr. Victor Sourjik. Max Planck Institute for Terrestrial Microbiology. SYNMIKRO, Marburg (Germany).
Physical association, motility and experimental evolution in a synthetic microbial community

April 22th

Dr. María José Pozo. Estación experimental del Zaidín, (CSIC), Granada (Spain).
Unraveling the molecular mechanisms of mycorrhiza induced resistance in tomato

May 6th

Dr. Gabriel Castrillo. University of Nottingham, Nottingham (United Kingdom).
Codirecting the plant development: root branching in plants colonized by microbes

Seminar Program sponsored by:

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May 13th

Dr. Maud Tenailon. CNRS (France).

Genetic mechanisms underlying crop evolutionary success



May 20th

Dr. Manuel Rodriguez Concepción. Instituto de Biología Molecular y Celular de Plantas (UPV-CSIC), Valencia (Spain) .

Playing with colors: synthetic pathways to make and store carotenoids in plants



May 27th

Dr. Alga Zuccaro. University of Cologne, Cologne (Germany).

β -glucans signal perception and transduction in plant-microbe symbiosis and immunity



June 10th

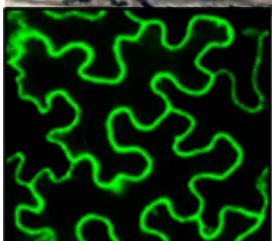
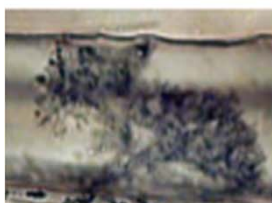
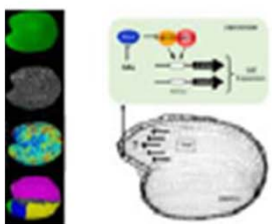
Dr. Nuria Sanchez-Coll. Centre for Research in Agricultural Genomics (CRAG), Barcelona (Spain).

Role and dynamics of biomolecular condensates in biotic and abiotic stress in plants

June 24th

Dr. Cyril Pommier . INRAE (France)

TBC



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