

Workshop

New Frontiers in Plant Biology

Centro de Biotecnología y Genómica de Plantas (UPM-INIA)
May 30th – June 1st, 2018

PROGRAM

MAY 30TH

15:00-15:15 *Opening and welcome*

PLANT ADAPTATION TO ENVIRONMENTAL CHANGES Chair: Dr. Fernando García-Arenal

15:20-16:10 **George Coupland**
Floral induction and the divergence of annual and perennial life history

16:10-17:00 **Salome Prat**
Multifaceted function of PIF4 in thermomorphogenesis

17:00-17:30 *Coffee Break*

17:30-18:20 **Marja Timmermans**
Small RNAs as mobile, morphogen-like signals in development

18:20-19:10 **Miltos Tsiantis**
Development and diversity of leaf shape: from understanding to reconstructing

MAY 31TH

PLANT RESPONSE TO BIOTIC STRESSES Chair: Dr. Emilia Lopez-Solanilla

9:30-10:20 **Allan Collmer**
Plant-Microbe Interactions: From Puzzles, to Pieces, to Paradigms and Beyond

10:20-11:10 **Bart Thomma**
*Evolution of pathogenicity in the vascular wilt fungus *Verticillium**

11:10-11:40 *Coffee Break*

11.40-12:30 **Anne Simon**
RNA structures and unstructured regions play important roles in the infection cycle of Turnip crinkle virus

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MAY 31TH

PLANT RESPONSE TO BIOTIC STRESSES

Chair: Dr. Emilia Lopez-Solanilla

12:30-13:20

James Alfano

Pseudomonas effector activities and plant targets

13:30-15:00

Lunch (CBGP-BioAgora)

EMPOWERING PLANT NUTRITION

Chair: Dr. Fernando Ponz

15:00-15.50

Sabeeha Merchant

Synchronized cell 'omics: a day in the life of Chlamydomonas

15:50-16.40

Eva Kondorosi

TBA

16.40-17:10

Coffee Break

17.15-20:00

Poster session of PhD students (CBGP-BioAgora)

JUNE 1ST

COMPUTATIONAL-SYSTEMS BIOLOGY AND GENOMICS

Chair: Dr. Mark Wilkinson

9:30-10:20

Chuck Pepe-Ranney

50,000 genomes and counting: how to manage and explore the data from your giant microbial isolate collection

10:20-11:10

Eric Lyons

Current advances in cyberinfrastructure for plant science research

11.10-11.40

Coffee Break

11:40-12:30

Rodrigo Gutierrez

Nitrogen Networks in Plants: From molecules to the ecosystem

12:30

Closing

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