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**POLITÉCNICA**

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Instituto Nacional de Investigación  
y Tecnología Agraria y Alimentaria

# Centro de Biotecnología y Genómica de Plantas

## WORKSHOP New Frontiers in Plant Biology

January 31-February 1, 2013

Recent years have witnessed the development of new high-throughput technologies that have resulted in unprecedented advances in plant sciences. This workshop will focus on novel insights in the plant biology field enabled by the different "omic" approaches (genomics, epigenomics, proteomics, metabolomics). New concepts in systems biology, plant comparative genomics as well as bioinformatics will be also discussed. The workshop will gather representative outstanding scientists working on novel aspects of plant biology research related to plant developmental processes, biomass production, or biotic and abiotic stress responses, as well as pioneer researchers in emergent technologies.

### Speakers

**BOCK, RALPH** *Max Planck Institute of Molecular Plant Physiology, Potsdam-Golm, Germany*

**CHRISTOU, PAUL** *Catalan Institute for Research and Advanced Studies (ICREA) Lleida University, Lleida, Spain*

**KUHLEMEIER, CRIS** *Institute of Plant Sciences, University of Bern, Bern, Switzerland*

**MANCHESTER, MARIANNE** *Skaggs School of Pharmacy and Pharmaceutical Sciences UC San Diego, La Jolla, CA, USA*

**MÁS, PALOMA** *Center for Research in Agricultural Genomics (CRAG), Barcelona, Spain*

**MITCHELL-OLDS, TOM** *Duke University, Durham, NC, USA*

**PARNISKE, MARTIN** *University of Munich (LMU), Munich, Germany*

**PAZ ARES, JAVIER** *National Centre for Biotechnology (CNB), Madrid, Spain*

**PRAT, SALOMÉ** *National Centre for Biotechnology (CNB), Madrid, Spain*

**SCHULZE-LEFERT, PAUL** *Max Planck Institute for Plant Breeding Research, Cologne, Germany*

**TUSKAN, JERRY** *Oak Ridge National Laboratory, Oak Ridge, TN, USA*

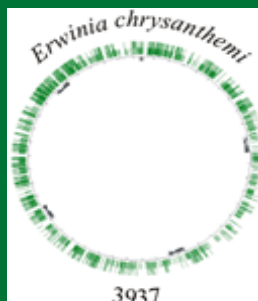
**WILKINSON, MARK** *Centre for Plant Biotechnology and Genomics UPM-INIA (CBGP), Madrid, Spain*

**WILLMITZER, LOTHAR** *Max Planck Institute of Molecular Plant Physiology, Potsdam-Golm, Germany*

**ZHU, JIAN-KANG** *Purdue University, West Lafayette, IN, USA*

**Information and Registration:**

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



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