

Plant Biotechnology in the 21st century: Opportunities and Challenges

October 29th 2018

Main Lecture Hall (Centro de Investigaciones Biológicas)

9:25 **Opening**

9:30 **Dr. Rafael Catalá** Increasing crop tolerance to abiotic stress to
CIB-CSIC boost productivity in a climate change
scenario

10:10 **Prof. Antonio Molina** Plant Innate Immunity: from ligand
CBGP-UPM recognition to disease resistance

10:50 **Dr. Antonio Leyva** Applied potential of plants for
CNB-CSIC bioremediation of arsenic-polluted water
and soil

11:30 **Coffee Break**

11:50 **Prof. Isabel Allona** Advances and Challenges in Biotechnology
CBGP-UPM for Forest Trees

12:30 **Prof. Paul Christou** Biofortified staple crops through metabolic
ICREA-UdL engineering and synthetic biology strategies

13:10 **Prof. Rafael Lozano** Genetics and genomics drive plant breeding
UAL in the new era of agriculture

13:50 **Concluding remarks**

Centro de Investigaciones Biológicas
Ramiro de Maeztu, 9, 28040 Madrid
Subway: Metropolitano, line 6

Contact person:

Julio Salinas salinas@cib.csic.es Tel.: 91 837 3112 ext. 4303

Rafael Catalá catala@cib.csic.es Tel.: 91 837 3112 ext. 4354