Phd Positions at the Centre for Research in Agricultural Genomics (CRAG; Barcelona, Spain)

The INPhINIT, “la Caixa” Doctoral Fellowship 2018 Programme is open for applications

INPhINIT is a doctoral fellowship programme devoted to attracting international Early-Stage Researchers to the top Spanish research centres in the areas of Bio and Health Sciences, Physics, Technology, Engineering and Mathematics. INPhINIT is promoted by the "la Caixa" Foundation with the aim of supporting the best scientific talent and fostering innovative and high-quality research in Spain.

INPhINIT recruits per call 57 Early-Stage Researchers of any nationality, who enjoy a 3-year employment contract at the Research Centre of Excellence of their choice. In addition, researchers establish a personal career development plan including transnational, intersectoral and interdisciplinary mobility opportunities, and attend a full range of complementary training courses and workshops.

CRAG offers 11 research projects under the INPhINIT programme, which fall into different disciplines such as Plant biology, Microbiology, Molecular Biology, Genomics and Proteomics or Bioinformatics. CRAG research projects are:

- Deciphering microRNA (miRNA) function in plant immunity and disease resistance: CRISPR/CAS9-mediated genome editing of miRNAs in rice plants (Blanca San Segundo)
- Genetic dissection of climacteric fruit ripening using a collection of introgression lines in melon (Cucumis melo L.) (Jordi Garcia-Mas)
- Application of new peach breeding strategies based on molecular markers (Iban Eduardo)
- Improving the production of metabolic precursors for plant metabolites of nutritional and industrial interest (Manuel Rodríguez-Concepción)
- Exploiting post-translational modifications in sustainable agriculture (L. Maria Lois)
- The hidden nature of the Arabidopsis peptidome: Analyses of the Arabidopsis flower development gene regulatory network (José Luis Riechmann)
- Comparative analyses in the response to vegetation proximity in shade-avoidance and shade-tolerant species (Jaime F Martinez Garcia)
- Cellomics applied to the understanding of bacterial plant diseases (Núria Sánchez-Coll)
- Role of TEMPRANILLO genes in plant development and hormone signalling (Paula Suárez-López)
- InnoBioFruits: Innovative biotechnological strategies for reshaping peach fruits (María José Aranzana Civit; Juan José Lopez-Moya; Maria Coca)
- Elucidating the role of glycosylated sterols in the plant response to biotic stress (Albert Ferrer)


The end of the call for applications is 1st of February, 2018

INPhINIT relies on the European Commission’s support through the Horizon 2020 Marie Skłodowska-Curie Actions - COFUND programme.