sociedadespañola FISIOLOGIA VEGETAL

Noticias y Novedades
Semana 21, 2017

CONGRESOS Y REUNIONES

Mechanisms in Plant Development
Lugar: Saxtons River, VT, USA
Fecha: 30 de julio al 4 de agosto de 2017
Más información: http://www.faseb.org/src/micro/Site/Plant/home.aspx

Databases, SNP calling and genetic analysis of multi-environment data
Lugar: Wageningen, NL
Fecha: 7 al 9 de junio de 2017
Más información: http://www.epsoweb.org/event/databases-snp-calling-and-genetic-analysis-multi-environment-data-organizers-wageningen-univer

The 8th International Triticeae Symposium (8ITS)
Lugar: Wernigerode, DE
Fecha: 12 al 16 de junio de 2017
Más información: http://www.epsoweb.org/event/8th-international-triticeae-symposium-8its-12-16-jun-2017-wernigerode-de

IGC Symposium 2017: Plant RNA Biology
Lugar: Oeiras, PT
Fecha: 26 y 27 de septiembre de 2017
Más información: http://www.epsoweb.org/event/igc-symposium-2017-plant-rna-biology-27-28-sep-2017-instituto-gulbenkian-de-ciencia-oeiras-pt

CURSOS

Advanced Microscopy Techniques for Plant-Microbe Interaction Analysis Training Course and Workshop
Lugar: 27 de noviembre al 2 de diciembre de 2017
Fecha: Vienna, Austria
Más información: http://www.epsoweb.org/event/advanced-microscopy-techniques-plant-microbe-interaction-analysis-training-course-and-workshop

BECAS Y CONTRATOS

Postdoc in Ubiquitin-Mediated Gene Expression
University of Edinburgh, Edinburgh, UK

A Postdoctoral Research Assistant position is available in the laboratory of Dr. Steven Spoel at the School of Biological Sciences, University of Edinburgh. You will join an active research programme funded by the European Research Council (ERC) that is aimed at elucidating the mechanisms of gene regulation during plant immune responses. Activation of plant immunity is associated with dramatic reprogramming of the transcriptome to prioritise development of immunity over normal cellular growth functions. Transcription reprogramming is largely orchestrated by the immune hormone, salicylic acid (SA), which accumulates upon infection and establishes both local and broad-spectrum systemic immunity. We previously reported that perception of SA is mediated by ubiquitin ligases that alter the stability of an indispensable transcriptional coactivator (Spoel et al. Cell 2009, 137: p.860 & Fu et al. Nature 2012, 486: p.228). Further work has established that ubiquitination and degradation play complex roles in regulating the intrinsic activities of transcription (co)activators in general (Skelly et al. Curr Opin Plant Biol 2016, 33: p.126). However, it remains unclear how protein modifications by ubiquitin signal to the transcription machinery and fine-tune gene expression at the single cell level. Moreover, different types of protein ubiquitination have diverse cell signalling roles but how they contribute to immune gene regulation remains largely unknown. This position offers an exciting opportunity to explore this emerging field with a suite of biochemical, -omics and single cell microscopy approaches. You will be highly motivated, have excellent communication skills, enjoy working in a multidisciplinary team, and show commitment to delivering high quality data. The position is for a fixed term of 3 years. For more information and to apply: http://spoel.bio.ed.ac.uk/Opportunities.html

Post Doctoral Researcher in Plant Cell Polarity
University of New Mexico, Albuquerque, NM, USA

Applications are invited for a post-doctoral researcher in Dr. Michelle Facette's lab at the University of New Mexico. The Facette lab has two areas of focus: cell polarization & asymmetric cell division; and the function of grass stomata, both using maize as a model system. We approach these problems using genetics, cell biology and biochemistry. The position will be available immediately to characterize new proteins identified through reverse and forward genetic approaches that are important for asymmetric division during the formation of the maize stomatal complex. For more information see: http://facettelab.weebly.com/publications.html . Previous experience in cell and molecular biology is required. Previous experience using confocal microscopy or next generation sequencing is an asset. Experience with plant model systems (such as Arabidopsis, rice, maize or Brachypodium) is also an asset but not

required (including plant tissue culture and/or transformation of monocots). Candidates should have a publication record, good communication skills, and be willing to mentor graduate and undergraduate students. The appointment is funded for two years and renewed on an annual basis, with the possibility of extension. Salary will be commensurate with experience. Applicants should send a cover letter describing your interests and expertise, a CV and names for 3 references to mfacette@unm.edu. Applications will be reviewed until the position is filled.

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