

CONGRESOS Y REUNIONES

SEB-GARNet Symposium: From Proteome to Phenotype: role of post-translational modifications

Lugar: Edinburgh, UK

Fecha: 11 al 13 de diciembre de 2017

Más información: <http://www.plantsci.org.uk/events/seb-garnet-symposium-proteome-phenotype-role-post-translational-modifications>

Plant and Human Sulfur Biology Conference

Lugar: Hungary

Fecha: 10 al 14 de septiembre de 2017

Más información: <http://www.epsoweb.org/event/plant-and-human-sulfur-biology-conference-2017-sep-10-14-2017-hungary>

PLANT PEPTIDES & RECEPTORS 2017 - The 5th European Workshop on Peptide Signalling in Plants

Lugar: Helsingore, Denmark

Fecha: 6 al 8 de septiembre de 2017

Más información: <https://peptide2017.nemtilmeld.dk/2/>

CURSOS

BFSS 2017 Black Forest Summer School on Next Generation Sequencing and Phylogenetics

Lugar: Black Forest/Germany

Fecha: 24 al 27 de julio de 2017

Más información: <http://www.epsoweb.org/event/bfss-2017-black-forest-summer-school-next-generation-sequencing-and-phylogenetics-24-27-july-2>

9th Utrecht PhD Summer School “Environmental Signaling in Plants”

Lugar: Utrecht University, the Netherlands

Fecha: 28 al 30 de agosto de 2017

Más información: <http://www.epsoweb.org/event/9th-utrecht-phd-summer-school-%E2%80%9CEnvironmental-signaling-plants%E2%80%9D-28-30-august-2017-utrecht-unive>

BECAS Y CONTRATOS

Post-Doctoral Associate Position in Plant Cell Signaling and Development

Donald Danforth Plant Science Center, St.Louis, MO, USA

A post-doctoral scientist position is available immediately in the Pandey lab at the Donald Danforth Plant Science Center; St. Louis, Missouri (www.danforthcenter.org/pandey) to study G-protein regulated signaling pathways in plants. The position requires a strong background in model and crop plant molecular genetics, molecular biology and biochemistry. Experience with RNA-Seq experiments and data analysis, protein-protein interaction assays, in planta co-IPs and localization studies with plant-based and/or protoplast-based methods is highly desirable. The candidate should be highly motivated, able to work independently or in groups and an effective communicator. To apply please submit a cover letter clearly describing your research interests and career goals, a list of publications, a CV with three or more references and their full contact information by email to careers@danforthcenter.org with Postdoc - Pandey Lab in the subject line.

Postdoctoral Researcher Plant Development and Life History Evolution

University of Cologne, Cologne, Germany

Starting November 2017 with weekly working time of 39,83 (100% position). The initial contract will be funded for 2 years. Payment is based on the German TV-L E13 scale if terms and conditions under collective bargaining law are fulfilled.

Research project: Flowering contributes to the adoption of the annual and perennial life cycles. Our lab is using comparative studies between two Brassicaceae models (the annual *Arabidopsis thaliana* and the perennial *Arabis alpina*) to understand the molecular mechanisms that regulate flowering and plant architecture in annual and perennial species. We have shown that the differences in the expression patterns of

the floral repressor FLOWERING LOCUS C (FLC) in *A. thaliana* and its orthologue PERPETUAL FLOWERING 1 (PEP1) in *A. alpina* contribute to the annual or perennial life strategy (Wang et al., 2009, Nature; Albani et al., 2012, PLoS Genet; Bergonzi et al., 2013, Science). The main objective of this project is to characterise additional components that regulate flowering and other related traits in both species by performing comparative studies.

Qualifications: We are looking for an enthusiastic scientist (PhD is required) with a strong interest in plant developmental biology and good experimental and communication skills. A background in flowering time in *A. thaliana* and expertise in Genetics and Biochemistry will be considered a plus. Applications from disabled people are welcome. Disabled people with equal qualifications will be given priority. Applications from women are encouraged. Women with comparable qualifications will receive particular consideration, unless another applicant displays compelling reasons for us to prefer them.

Application: Please include your CV, letter of motivation and contact information for three references. Please send the application as one pdf document to: Ms Margaret Kox (kox@mpipz.mpg.de) before 6 July 2017

PhD positions in Cell Signaling and Stress Response

Mississippi State University, Starkville, MS, USA

The Popescu lab in the Department of Biochemistry, Molecular biology, Plant Pathology and Entomology seeks applicants for PhD positions that offers interdisciplinary training in plant genomics, biochemistry, and systems and computational biology. The PhD students will lead and participate in NSF-funded research exploring the integration of peptidase networks and stress signals, and in the longer term, aiming to reach a predictive understanding of the mechanisms for stress adaptation and tolerance in plants. The project employs the plant *Arabidopsis* as a model to elucidate the contributions of the proteolytic pathways mediated by TOP1 and TOP2 thimet oligopeptidases through integrated biochemical, proteomics, and systems biology approaches.

Qualifications: Bachelor's or Master's degree in genomics, proteomics, molecular biology, plant sciences or a related field.

Requirements: Experience with biochemistry and molecular biology techniques applied to plant science; a strong interest in bioinformatics and computational biology; good communication skills and an ability to work as part of a multi-disciplinary team.

How to Apply: Applicants are encouraged to email a one-page cover letter and CV (including skills, previous research/education, GPA, GRE/TOEFL, and the contacts of three references) to scp319@msstate.edu. Please set the email subject line as "[PhD_application] Full name".

The Popescu lab Rapid detection of the surrounding environment is a basic survival skill of all life forms. We study cellular networks that regulate detection of pathogens

and environmental stressors. We combine classical and advanced molecular and biochemical approaches to unravel the organization and the general principles of information processing networks in model plants and crops. We generate computational models of signaling pathways to simulate cellular events and predict plant phenotypes.

SOCIEDAD ESPAÑOLA DE FISIOLÓGÍA VEGETAL (SEFV)

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