

CONGRESOS Y REUNIONES

XXX International Horticultural Congress - IHC2018

Lugar: Istanbul Turkey

Fecha: 12 al 16 de agosto de 2016

Más información: www.ihc2018.org

IGC Symposium 2017: Plant RNA Biology

Lugar: Oeiras, PT

Fecha: 27 y 28 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>

The 19th EMBL PhD Symposium: Bridging the Gaps: Interdisciplinary Approaches in Life Sciences

Lugar: EMBL Heidelberg, Germany

Fecha: 19 al 21 de octubre de 2017

Más información:

http://phdsymposium.embl.org/?_ga=2.182089959.1391722112.1500364790-795652988.1465893943

CURSOS

EMBL Course: Next Generation Sequencing: Whole Genome Sequencing Library Preparation

Lugar: EMBL Heidelberg, Germany

Fecha: 29 de noviembre al 1 de diciembre de 2017

Más información:

<https://www.embl.de/training/events/2017/ILL17-13/index.html>

EMBL Course: Introduction to Omics Data Integration

Lugar: Cambridge, CB10 1SD, United Kingdom

Fecha: 19 al 23 de febrero de 2018

Más información: <https://www.ebi.ac.uk/training/events/2018/introduction-omics-data-integration-0>

BECAS Y CONTRATOS

PhD positions in functional genomics of *Tetranychus urticae* – plant interaction

Canada and Europe

PhD positions are available for motivated candidates to join the Grbics lab and work on the functional genomics of the *Tetranychus urticae* – plant interaction as a part of the 4-year Ontario Research Funded project that is carried out by a consortium of several laboratories and industrial partners in Canada and Europe – including Spain. The goal of the project is to elucidate molecular mechanisms of plant (*Arabidopsis* and tomato) defenses and mite counter-adaptations to them. Candidates should have background in Plant Biology, Genetics, Entomology, Biochemistry or related areas with solid training in plant and/or arthropod biology, molecular biology and statistics. Applicants with experience with plantherbivore interactions, arthropods or other invertebrate models, RNAi or bioinformatics are preferred. The successful candidate should be able to work independently, as well as to work collaboratively with other postdocs and graduate students in the lab. To apply: please, send a letter of interest, CV, list of publications, and the names of three referees to mgrbic@uwo.ca and vgrbic@uwo.ca. For more information about graduate studies at Western, visit: <https://www.uwo.ca/biology/graduate/prospective/index.html>

Two postdoctoral positions in functional genomics of *Tetranychus urticae* – plant interaction

Canada

Two postdoctoral fellow positions are available immediately for motivated scientists in the Grbics lab to work on the functional genomics of the *Tetranychus urticae* – plant interaction as a part of the 4-year Ontario Research Funded project that is carried out by a consortium of several laboratories and industrial partners in Canada and Europe. The goal of the project is to elucidate molecular mechanisms of plant (*Arabidopsis* and tomato) defenses and mite counter-adaptations to them. Candidates should have a Ph.D. in Plant Biology, Genetics, Entomology, Biochemistry or related areas with solid training in plant and/or arthropod biology, molecular biology and statistics. Applicants with experience with plant-herbivore interactions, arthropods or other invertebrate models, RNAi or bioinformatics are preferred. The successful candidate should be able to work independently, as well as to work collaboratively with other postdocs and graduate students in the lab. Salary is competitive with experience. To apply: please,

send a letter of interest, CV, list of publications, and the names of three references to mgrbic@uwo.ca and vgrbic@uwo.ca.

Postdoctoral Position in Modelling Carbon Allocation and Tree Hydraulics

INRA Nancy, France

We are looking for a postdoc to model carbon allocation and tree hydraulics. The position is within the European project ForRisk, which studies the interactions of drought and tree population density on the resistance and resilience of tree growth of Norway spruce (*Picea abies*) and silver fir (*Abies alba*). It combines a large dataset from long-term experimental management stands in Germany, France and Switzerland with a mechanistic ecosystem model and a forest succession model including forest management and ecosystem services, yielding economic risk-assessment at different spatial and temporal scales.

The postdoc will provide mortality rates for the risk-assessment model ForClim (Rasche et al. 2011) by modelling tree mortality with the ecosystem model MuSICA (Ogée et al. 2003) under different forest management strategies and climate change scenarios. MuSICA is among the most advanced multi-layer soil-vegetation-atmosphere transfer (SVAT) models, based on ecophysiological process representations and includes, among others, species competition for a limited number of resources such as light and water. The postdoc will enhance MuSICA by incorporating carbon allocation including carbohydrate stores, yielding carbon starvation during drought, as well as tree hydraulics, which may lead to hydraulic failure during drought.

ForRisk combines researchers from the NFZ.forestnet that connects six research institutions from Nancy (France), Freiburg (Germany) and Zurich (Switzerland). The postdoc will work with the partner institutions, forming the link between the data-centred work packages and the economic risk-assessment tool. S/he will also work closely with the main developer of the ecosystem model in Bordeaux (J Ogée). MuSICA is written in Fortran. Strong programming skills are required.

The position is based at INRA Nancy (France) in the Joint Research Unit (UMR 1137) of Forest Ecology and Ecophysiology (EEF). It is for a duration of three years, starting as soon as possible. Salary level will correspond to “Chargé de Recherches, 1ère classe”.

Applications to Matthias Cuntz ([matthias.cuntz \(at\) inra.fr](mailto:matthias.cuntz@inra.fr)) should include a CV, the publication list, a letter of motivation, as well as telephone numbers and e-mail addresses of possible references. Applications will be accepted until the position is filled.



Desde la nueva sede de la SEFV en TOLEDO



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