

TAIR Job Posting

Postdoctoral Position: Abiotic stress tolerance biotechnology.

Plant and AgriBiosciences Research Centre (PABC), Galway, Ireland.

Genetics and Biotechnology Lab, Plant and AgriBiosciences Research Centre (PABC), School of Natural Sciences, National University of Ireland Galway

Ref. No. NUIG-29-13

Applications are invited from suitably qualified candidates for a full-time fixed term position as an **SFI-TIDA Postdoctoral Researcher** to conduct molecular biology research on engineering of abiotic stress tolerance in crop plants, within the Genetics and Biotechnology Lab of Professor Charles Spillane in the Plant and AgroBioscience Research Centre (PABC) at the National University of Ireland, Galway.

This position is funded by the Science Foundation Ireland (SFI) Technology Innovation Feasibility (TIDA) program and is available for the initial period from 01/04/2013 to contract end date of 31/03/2014.

Job Description:

The Genetics and Biotechnology laboratory of Prof Charles Spillane is seeking a postdoctoral scientist to work on a translational plant biology project involving novel genes conferring abiotic stress tolerance in plants. The project will be conducted in collaboration with the Plant Systems Biology lab of Dr. Ronan Sulpice (National University of Ireland Galway) and the lab of Prof. Ken Feldmann (School of Plant Sciences, University of Arizona, USA). The project is funded under the Science Foundation Ireland (SFI) Technology Innovation Feasibility (TIDA) program, where the successful applicant will develop and test a range of novel transgene constructs for their ability to confer abiotic stress tolerance in a range of crop species.

We seek enthusiastic and highly motivated candidates with excellent and proven skills in plant molecular genetics. The successful candidate will be plant molecular biologists who have a demonstrated record of research outputs (publications and/or patents). Applicants with prior experience and demonstrated interests in plant molecular biology, crop transformation, plant genomics, abiotic stress biology, evolution of abiotic stress tolerance, and with emerging interests in plant synthetic biology are particularly encouraged.

Applicants with interests in commercialization of plant biotechnology research will be particularly suited to this position. The successful applicant will be required to engage in a TIDA entrepreneur training course in the Dublin City University Ryan Academy during 2013. This SFI-TIDA position is initially funded for 1 year, however additional funding will

be leveraged for further follow-on R&D and commercialization work during the SFI TIDA phase of the program. The position is available immediately.

Qualifications:

The candidate is required to have strong plant molecular biology skills and experience to PhD level. The ideal candidate will have prior experience and demonstrated interests in plant molecular genetics, crop transformation, plant genomics, abiotic stress biology, evolution of abiotic stress tolerance, and emerging interests in plant synthetic biology. Candidates should have excellent communication and organizational skills; be highly motivated and passionate about developing new innovations; and have strong documentation, oral and interpersonal skills.

Salary: €38,286 - €41,918 per annum (public sector pay policy rules pertaining to new entrants will apply).

Start date: Position is available from 15 April 2013

For further background information on this post see:

www.spillanelab.org

www.nuigalway.ie/botany/sulpice_home.html

<http://cals.arizona.edu/spls/node/192>

www.plantagbiosciences.org

www.sfi.ie/funding/funding-calls/open-calls/sfi-ei-technology-innovation-development-award-tida-feasibility-study-2013/

Informal enquiries concerning the position may be made to Professor Charles Spillane

To Apply: Applications to include a covering letter outlining your research interest and motivations, a full C.V. (please list publications, citations and experimental skills) and the contact details for 3 referees via e-mail (in word or PDF only) to charles.spillane@nuigalway.ie

Please put reference number **NUIG-29-13** in subject line of e-mail application.

Closing date for receipt of applications is 5.00 pm on Monday March 25th 2013.

National University of Ireland, Galway is an equal opportunities employer.

