



Postdoc Position on Arabidopsis Heterosis Genetics

SpillaneLab, Plant & AgriBiosciences Research Centre (PABC), National University of Ireland Galway

Applications are invited to fill a Postdoctoral Position within the Genetics & Biotechnology Lab of Prof. Charles Spillane at the Plant & AgriBiosciences Research Centre (PABC, www.plantagbiosciences.org) at the National University of Ireland Galway. See lab website: www.spillanelab.org

The Postdoctoral Fellow will work within a highly dynamic research team focused on using genetic and epigenetic approaches in *Arabidopsis thaliana* to understand the molecular mechanisms underpinning heterosis (hybrid vigour). The Postdoctoral Fellow will join a heterosis genetics research team which is funded by Science Foundation Ireland (SFI) and consists of both postdocs and PhD students.

We are seeking highly motivated and talented scientists with excellent wet lab skills in Arabidopsis genetics and epigenetics, particularly in relation to topics such as genomics/epigenomics, metabolomics, genome editing, GWAS and high-throughput phenotyping. Candidates with strong additional skills in analysis of genomics/epigenomics datasets and with some bioinformatics expertise (e.g. R, Python) are particularly welcome.

Applicants should have prior experience and publications on Arabidopsis genetics and/or epigenetics, ideally as first author in high impact journals on relevant topics. Candidates should be willing and motivated to work in a collaborative team environment towards generating excellent scientific outputs, and have experience of contributing to the writing of research publications, grant applications and research progress reports.

The salary will be €37,750 – 41,181 per annum (public sector pay policy rules pertaining to new entrants will apply) depending on experience. The position is initially for 18 months, with possibility for extension and career progression depending on project outcomes and funding leverage.

It is anticipated that the successful candidate will begin in March 2017. Applicants are invited to send their CV (with contact details of three referees) and a short cover letter to Prof. Charles Spillane [charles.spillane@nuigalway.ie] before 5pm (GMT) on 15th February 2017 explaining their motivation and interest to join the lab to work on the topic of heterosis genetics and epigenetics.

Please put reference **NUIG-028-17** in subject line of your e-mail application.

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

