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TAIR Job Posting

PhD Student Opportunities on Genetics/Epigenetics in *Arabidopsis thaliana*

SpillaneLab, Plant & AgriBiosciences Research Centre, National Uni of Ireland Galway, Ireland.

* *Application deadline: January 31st, 2023*

PhD Student Opportunities on Genetics/Epigenetics in *Arabidopsis thaliana*

Prof. Charles Spillane, Genetics & Biotechnology Lab, Plant and AgriBiosciences Research Centre, National University of Ireland Galway, University Road, Galway H91 REW4, Ireland. www.spillanelab.org

Ref No: Arabidopsis SpillaneLab 2023

Application Deadline: Tuesday 31st January, 2023.

The Genetics & Biotechnology lab of Professor Charles Spillane in the Agriculture and Bioeconomy Research Centre (PABC) in the Ryan Institute at the National University of Ireland Galway is inviting expressions of interest from outstanding students with excellent CVs, to join the SpillaneLab as PhD students in October 2023. Prof. Spillane is seeking talented, hard-working and motivated applicants who are keen to pursue a 4 year structured PhD program in *Arabidopsis* genetics/epigenetics on any of the following topics: heterosis, reproduction & seed development, polyploidy & genome dosage effects, genome & molecular evolution, bioinformatics, genome editing, and adaptation to climate change. PhD researchers will use the model plant *Arabidopsis thaliana*, and engaged in research work on molecular genetics, epigenetics, genome editing, genomics, phenomics, microscopy and bioinformatics. Successful candidates will work closely with other SpillaneLab research team members working on these topics within the lab. We are seeking highly motivated applicants who are eager to develop a long-term career in plant genetics and epigenetics research, including in translational research to crop and agricultural applications. Successful candidates will ideally have significant and proven prior practical experience of *Arabidopsis* molecular genetics/genomics research in advanced research lab/institute settings. It is desirable that in addition to significant wet lab skills, successful applicants would also have skills in programming using Python and/or R or a strong interest to develop such skills. We

also welcome applications from candidates with bioinformatics, genomic data sciences and molecular evolution skills for purely bioinformatics projects in the lab.

Applicants should send an e-mail outlining in less than 200 words your research interest and motivations in relation to joining the SpillaneLab, including; (a) your C.V. (list grades, interests, experimental skills, etc) & (b) contact details and e-mail + phone contacts for 3 referees to [charles.spillane@universityofgalway.ie].

Websites:

www.spillanelab.org

www.ryaninstitute.ie

Please note that only applications that put **Arabidopsis SpillaneLab 2023** in the subject line of the email application will be considered.

The deadline for applications is Tuesday 31st January, 2023.

Prof. Charles Spillane, Genetics & Biotechnology Lab, Agriculture and Bioeconomy Research Centre, Ryan Institute, University of Galway, University Road, Galway H91 REW4, Ireland.

University of Galway is an equal opportunities employer.