Organization: University of Florida, Agronomy Department, Plant Molecular and Cellular Biology Program

Location: Gainesville, FL 32611 United States

Organization Type: Academia

Description: The Plant Molecular Physiology lab at University of Florida, headed by Fredy Altpeter (http://agronomy.ifas.ufl.edu/faculty/fredy-altpeter/) is seeking a highly motivated postdoctoral researcher with experience in plant genetic engineering and molecular biology to join our team. The research program focuses on genome editing and metabolic engineering of cereals, grasses and sugarcane to improve crop performance and quality. The successful candidate will use CRISPR/Cas9 mediated genome editing and transgenic approaches for metabolic engineering and characterize genetically modified events under controlled environment conditions similar in scope to our recent publications: http://link.springer.com/article/10.1007/s11103-016-0499-y. http://onlinelibrary.wiley.com/doi/10.1111/pbi.12411/epdf.

Experience: Extensive background in plant genetic engineering is essential, including design and construction of complex vectors, plant tissue culture, biolistic gene transfer, molecular characterization of transgenic plants. Knowledge in plant metabolism, physiology and genomic regulation is desirable. This work requires excellent interpersonal and communication skills in English as well as excellent writing skills as demonstrated by a strong publication record in peer reviewed journals. Recent graduates are encouraged to apply.

How to apply: Please email your resume, cover Letter, and contact information of 3 references to the PI at altpeter@ufl.edu.

University of Florida is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.

Starting salary: We offer a competitive salary depending on experience and background that includes health insurance, retirement benefits, and annual leave.

Date needed: 08/15/2017

Initial deadline for application: 7/31/2017 and may be extended until a suitable candidate is identified.

Selected publications related to this position: