Post-doctoral position in Plant Systems Biology
Purdue University

Applications are invited for a post-doctoral position at Purdue University - in the laboratory of Dr. Kranthi Varala.

The successful applicant will lead a project investigating the immediate transcriptional response to cold stress and how those initial responses are transduced into long-term phenotypic changes in plant growth. This research is focused on applying systems biology approaches to understand how plants perceive and respond to changes in external temperature with the goal of enhancing abiotic stress tolerance.

Applicants should have a Ph.D in molecular biology, genetics or a related discipline. The ideal candidate will have expertise and experience relevant to plant molecular biology and genetics. This position will require expertise in plant molecular biology, especially in genome scale data generation e.g., RNA-Seq, ChIP-Seq etc and will include experimental/informatics analysis on NextGen datasets. Candidate should have strong communication skills and the ability to execute a rigorous research plan. This position offers training in genomics, data analysis and plant systems biology.

This position is available immediately. To apply please send a cover letter, latest CV and contact information for three academic referees. Please send your applications by email to kvarala@purdue.edu. Applications received by August 31st 2017 will receive full consideration.

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