Post-Doctoral Position.

Regulation of gene expression plays a central role and determines almost all biological processes in higher eukaryotes. Using molecular genetic approaches, Sunkar laboratory is interested in interrogating microRNA- and epigenome-mediated gene regulations to better understand how plants thrive under stress. The successful candidate will perform DNA methylation, histone modifications (chromatin immunoprecipitation) and small RNA analysis in Arabidopsis and rice exposed to abiotic stresses. Experience in Chromatin immunoprecipitation and bioinformatics analysis of large-scale datasets are essential and rice transformation will be a plus. Applicants should have a PhD with a strong background in molecular biology, genetics and bioinformatics. The successful candidate should possess good oral and written communication skills and the ability to work independently. This is a full-time, 11 month non-tenure track position. Initial appointment will be for one year but is renewable upon satisfactory progress and continued funding.

Please visit the OSU hiring website and apply at https://jobs.okstate.edu by searching for req5671.

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