JOB DESCRIPTION: The Sunkar laboratory at Oklahoma State University, Stillwater is looking for a postdoctoral fellow who can work independently to accomplish research goals on microRNA- and epigenetics-mediated gene regulation to better understand how plants (Arabidopsis, rice and other crop plants) survive under stressful (drought, salinity, heat etc.) environments. For more information on the laboratory see: http://biochemistry.okstate.edu/faculty/dr.-ramanjulu-sunkar/dr.-ramanjulu-sunkar.

The applicant must be an expert on Chromatin immunoprecipitation assays and must be able to construct and analyze Chip-seq, bisulfite-seq, RNA-seq, small RNA and degradome libraries as well as well-versed with Northern & Western blot analysis and real-time PCR. Experience with immunoprecipitation, pull down assays, and yeast two-hybrid assay would be a plus. The candidate must be able to prepare manuscripts for publication. Initial appointment will be for one year, but, could be renewable upon satisfactory progress and continued funding.

APPLICATION PROCESS: Review of applications will begin immediately and continue until the position is filled. Applicant materials should include a letter indicating interest, qualifications and experience; curriculum vitae; a list of three (3) names, with telephone numbers and e-mail address who may be contacted for additional information. Submit applications electronically to https://jobs.okstate.edu. Search for req6731.

Oklahoma State University is an Affirmative Action/Equal Opportunity/E-verify employer committed to diversity and all qualified applicants will receive consideration for employment and will not be discriminated against based on age, race, color, religion, sex, sexual orientation, genetic information, gender identity, national origin, disability or protected veteran status. For assistance with the application process or to request an accommodation to enable application, contact OSU Human Resources, 106 Whitehurst, Stillwater, OK 74078 or call 405-744-7401.