Postdoc Position in Molecular Crop Improvement (Genetic Engineering)

The position is in the Institute for Genomics of Crop Abiotic Stress Tolerance (IGCAST), Department of Plant & Soil Science at Texas Tech University. The IGCAST is a new institute at Texas Tech University that will focus on using state of the art functional genomics to study processes involved in the tolerance to different types of abiotic stress (drought, salinity, heat, cold and low nutrient availability) and in the use of synthetic biology for the improvement of crop abiotic stress tolerance. For more information, visit us at (http://www.depts.ttu.edu/igcast/).

The Patil lab’s research focuses on genetic improvement of economically important crops using integrated genetic engineering and genomics technologies. We seek a postdoctoral candidate with a strong molecular biology, tissue culture and genetic engineering expertise. The postdoc will lead the efforts to improve genome editing platform in several recalcitrant crops species including cotton, sorghum, soybean and other crops. The criteria for the selection of the candidate include a strong track record, a high motivation to work on the project, an experience working with recalcitrant crops for genetic transformation, cloning techniques and good communication skills.

Term is one-year renewable to three years’ contingent on performance.

Position Requirements
- Ph.D. in plant biology, botany, genetics, molecular biology and biotechnology with strong experience and interest in molecular biology and genetic engineering.
- Experience in molecular cloning, plant tissue culture, genome-editing, protoplast engineering and microscopy.
- Proven cross-disciplinary research experience, scientific writing ability and communication skills.

Applicants who meet all the required qualifications should visit the Texas Tech University job application site at http://www.depts.ttu.edu/hr/workattexastech/ and search for Requisition ID 20342BR.
Application material:

- CV including a summary of education and research experience, publication activity, involvement in research grants, etc.
- Copy of the PhD diploma.
- A motivation letter
- Name and address of at least three academic referees

For further inquiries or questions related to posting, please contact

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