

University of Hyderabad

Repository for Tomato Genomic Resources

Department of Plant Sciences

Research Positions in Tomato Functional Genomics

At the Repository for Tomato Genomics Resources, we are working on Tomato Functional Genomics, using TILLING, Insertional Mutagenesis, proteomics, metabolomics approaches to study fruit ripening in tomato. The current aims of the group include using reverse and forward genetics strategies to isolate tomato mutants delayed in ripening, having high lycopene and folate content in tomato fruits and analysis of light and hormonal signal transduction pathways. For recent publications of the group see (*Plant Physiol* **161**: 2085–2101, *Plant Physiol* **156**: 1424-1438; *Molecular Plant* **3**: 854-869; *Plant Methods* **6**: 3; *Plant Methods* **5**:18; *Plant Signaling and Behavior* **5**:11.).

Currently we have one post-doctoral research associate/Senior research fellow position and two lab assistant positions available under “Tomato Metabolome Network” (ToMaNet) funded by Dept of Biotechnology under following projects entitled “Biofortification of tomato by targeted manipulation of the biosynthetic pathways” under supervision of Prof. R.P. Sharma, and “Interaction between Proteome and Metabolome Networks during Tomato Fruit Ripening” under supervision of Dr. Y Sreelakshmi at Dept of Plant Sciences, School of Life Sciences, University of Hyderabad. The research associate would be offered fellowship of Rs 24,000/- pm + HRA and the lab assistant positions would be offered a consolidated pay of Rs. 8,000/-pm. The qualifications for these Research Positions are as follows:

Research Associate/SRF: Applicants should have experience in proteomics-2D/DIGE/LC-MS and should be supported by publications. PhD in Biological Sciences is required. Those who have submitted thesis can also apply.

Lab Assistant I: M.Sc. Biochemistry/Life Sciences

Lab Assistant II: B.Sc./B.tech with at least one year experience in plant tissue culture

Candidates interested in above positions should send their CV, a statement clearly explaining how their skills are relevant to the position and the name/contact information for three references. The candidates can send their application by email at rameshwar.sharma@uohyd.ac.in and/or y.sreelakshmi@uohyd.ac.in on or before July 12th, 2013. Selected candidates would be called for interview. No TA/DA would be provided for attending the interview. All the positions are purely temporary in nature. **We also have few openings for CSIR/UGC/DBT/ICMR JRF candidates for pursuing PhD in above research areas. Interested candidates can send their CV to the above email addresses.**