

University of Hyderabad

Research Associate in Natural Products Chemistry

At University of Hyderabad, we are having a vibrant group on Tomato Functional Genomics, which is working on TILLING (Targeting Induced Local Lesions IN Genomes), Insertional Mutagenesis, proteomics and fruit ripening in tomato. Some of the current aims of the group include using reverse genetics 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* **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 research associate position available under “Tomato Metabolome Network” (ToMaNet) funded by Dept of Biotechnology under following project entitled “Biofortification of tomato by targeted manipulation of the biosynthetic pathways” under supervision of Prof. R.P. Sharma, at Dept of Plant Sciences, School of Life Sciences, University of Hyderabad. The research associate would be offered fellowships of Rs. 24,000/- pm + HRA. The qualification for the Research Associate Positions is as follows:

Research Associate: Applicants should have experience in identifying natural plant products using NMR and/or Mass spectrometry and application should be supported by publications. **PhD in Chemistry is required.**

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@gmail.com. by 11th March, 2013. No TA/DA would be provided for attending the interview.