

University of Hyderabad

Repository of Tomato Genomic Resources

Department of Plant Sciences

Research Positions in Tomato Functional Genomics

At the Repository of Tomato Genomics Resources (<https://lifesciences.uohyd.ac.in/rtgr/>), which is a DBT SAHAJ National facility and a DBT Centre of Excellence and Innovation in Biotechnology (CEIB): "Program Support on Genome Engineering of Tomato", we are working on Tomato Functional Genomics involving, Genome Editing, Whole Genome Sequencing, Proteomics, and Metabolomics along with TILLING approaches to manipulate the fruit ripening in tomato. The current aims of the group are to isolate tomato mutants with high lycopene, β -carotene (provitamin A), folate content in tomato fruits and improved architecture of tomato plants. For recent publications of the group see (*New Phytologist* 2023 <https://doi.org/10.1111/nph.19510>, *Frontiers in Plant Science* 2023 <https://doi.org/10.3389/fpls.2023.1290937>, *Horticulture Research*, 2023, 10: uhac235, <https://doi.org/10.1093/hr/uhac235>, *The Plant Journal* 2022 <https://onlinelibrary.wiley.com/doi/10.1111/tpj.15925>; *Plant Science* 2022 <https://doi.org/10.1016/j.plantsci.2022.111177>; *The Plant Journal* 2021 106: 844-861. <https://onlinelibrary.wiley.com/doi/10.1111/tpj.15206>; *The Plant Journal* 2021 106: 95-112. <https://doi.org/10.1111/tpj.15148>; etc.).

Currently, we have one research associate position available in the DBT-funded project "*Targeted editing of light and hormone signaling for generating novel alleles regulating agronomically beneficial traits in tomato*" (DBT-GET) awarded to **Prof. Y. Sreelakshmi**. The qualifications for the position are as follows:

1. Research Associate I (Plant molecular Biology and tissue culture): Applicants should have PhD in Plant molecular biology preferably in tomato or other crop plants. We are looking for a candidate with research experience in plant functional genomics using CRISPR/CAS system and **candidate should have expertise in gene cloning and tissue culture**. The experience in crossing/backcrossing and maintaining mutant lines is desirable. 1-2 years' postdoctoral experience is required and experience should be supported by publications. Selected candidate would be paid Rs. 58,000+27% HRA.

We also accept applications from the candidates who wish to pursue post-doctoral research with their own fellowships from DBT/SERB/DST-WOS/CSIR/UGC in the area of tomato functional genomics/metabolomics/proteomics. The candidates who wish to be considered for independent fellowship can send CV with a research proposal at the email id given below.

Candidates interested in above project positions *should email a one-page statement* clearly explaining how their skills are relevant to the position. The candidates should also email detailed CV and the name/email id for three referees. In addition, they should fill the attached application form and email the softcopy. The candidates can email their application at **y.sreelakshmi@uohyd.ac.in** on or before **5.00 pm, Dec 2nd, 2024**. *All the positions are purely temporary in nature and the emoluments will be paid upon receipt of funds from DBT. UOH does not have any responsibility towards emoluments payments. Shortlisted candidates would be called for interview. No TA/DA would be provided for attending the interview.*

Application for Position in the Project

UNIVERSITY OF HYDERABAD
 P.O. Central University Campus, Gachibowli
 Hyderabad – 500 046., Telangana, INDIA

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| Application fee payment details: | Bank Name: DD / Receipt No: Amount Rs. | Paste Recent Photograph |
| Post Applied for: | | |
| Notification No & Date: | | |

| Personal Details: | | Proof enclosed Sl. No. |
|-------------------|---|---------------------------|
| 1 | Full Name (as in SSC certificate) | |
| 2 | Gender (Male / Female) | |
| 3 | Date of Birth & Age (as on last date of the Notification) | |
| 4 | Father's Name | |
| 5 | Nationality | |
| 6 | Community (General / OBC / SC / ST / PWD) | |
| 7 | Married / Unmarried | |

| Candidate's Name & Address for correspondence : | | |
|---|-----------------|-------------------|
| | Mailing address | Permanent address |
| Name | | |
| Address with PIN Code | | |
| Email: | | |
| Phone No. | | |
| Mobile No. | | |
| Fax No. | | |

| Present position held, if any: | | | |
|--------------------------------------|---|---------------|-----------------|
| Name of the University / Institution | Name of the Position and Salary Details | Nature of Job | Proof encl. no. |
| | | | |

| Educational Qualifications | | | | | | | |
|--------------------------------|--------------------------------|---------------------|-----------------|------------|---------------------------------|------------------|-----------------|
| Name of the Examination passed | Name of the Board / University | Month & Year passed | Division /Class | % of Marks | CGPA (if grading is applicable) | Subjects studied | Proof Encl. No. |
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
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| Experience (Including present position / employment) | | | | | | |
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| Designation & scale of pay | Name & Address of the Employer | Period of Experience | | | Nature of work | Proof encl. Sl.no. |
| | | From date | To date | No. of years/ Months/day s | | |
| (a) | (b) | (c) | (d) | (e) | (f) | (g) |
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| Names & complete postal addresses of 2 referees : | | | | | | | | |
|---|--|--|--------|----------------------------------|--|--|--|--|
| | | | | | | | | |
| Email: | | | Email: | | | | | |
| Phone (Landline) with STD Code : | | | | Phone (Landline) with STD Code : | | | | |
| Mobile Ph: | | | | Mobile Ph: | | | | |

Declaration: I hereby declare that all the entries made by me in this application are true to the best of my knowledge and belief. If anything is found false at any stage, my candidature may be cancelled without assigning any reason thereof.

Date: _____

Signature of the applicant