

Curriculum Vitae

Dr. Raja Jeet

Assistant Professor

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1. Area of Specialization: Molecular Biology, Genetic Engineering, Plant Biotechnology, Cytogenetics & Crop Improvement.

2. Academic qualifications: Ph.D. in Botany from National Agri-Food Biotechnology Institute (NABI), Mohali, Punjab. Degree awarded by Panjab University, Chandigarh.

Thesis Title: Transcriptional profiling and functional characterization of candidate genes related to iron enrichment in wheat (*Triticum aestivum* L.) grains

3. Awards and Scholarships:

- Qualified Junior Research Fellowship (JRF) conducted by Indian Council of Medical Research (ICMR), Department of Health Research, Ministry of Health & Family Welfare, Government of India.
- Qualified National Eligibility Test (NET) for Lectureship in Life Sciences conducted by Council of Scientific and Industrial Research (CSIR), Ministry of Human Resource Development, Government of India.
- Qualified Graduate Aptitude Test in Engineering (GATE) in Life Sciences, and Biotechnology, conducted by Department of Higher Education, Ministry of Human Resource Development, Government of India.

4. List of Publications:

- Jeet, R., Singh, S.P., Tiwari, S. et al. (2018) Wheat *TaVIT2D* restores phenotype and mediates iron homeostasis during growth of *Arabidopsis thaliana* in iron-deficient conditions. *Plant Physiology Reports*. eISSN: 2662-2548, DOI: <https://doi.org/10.1007/s40502-018-0426-0>
- Singh, S.P., Jeet, R., Kumar J. et al. (2014) Comparative transcriptional profiling of two wheat genotypes, with contrasting levels of minerals in grains, shows expression differences during grain filling. *PLoS ONE*. 9(11): e111718. eISSN: 1932-6203, DOI: <https://doi.org/10.1371/journal.pone.0111718>