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Research Group & Mentor: Plant Molecular Breeding laboratory; Dr Shashi Bhushan Tripathi

Co-Supervisor(s): Dr. Pushplata Singh, Dr. Ayushi Priyam (TDNBC Gwal Pahari)

Research Work/Project(s):

Safety and life-cycle assessment of NPK based agro-nanomaterials

Fellowship Holder/Designation: CSIR SRF

Additional Information:

Publications:

1. A multifunctional therapeutic approach: Synthesis, biological evaluation, crystal structure and molecular docking of diversified 1H-pyrazolo[3,4-b]pyridine derivatives against Alzheimer's disease. Doi-[10.1016/j.ejmech.2019.04.038](https://doi.org/10.1016/j.ejmech.2019.04.038)
2. Occupational safety assessment of biogenic urea nanofertilisers using in vitro pulmonary, and in vivo ocular models. Doi- [10.1016/j.heliyon.2023.e21623](https://doi.org/10.1016/j.heliyon.2023.e21623)