

*Publications*  
*&*  
*Presentations*

## Publications

- ❖ **Agrawal, M., & Archana, G. (2021).** Phenotypic display of plant growth-promoting traits in individual strains and multispecies consortia of plant growth promoting rhizobacteria and rhizobia under salinity stress. *Rhizosphere*, 20(October), 100443. <https://doi.org/10.1016/j.rhisph.2021.100443>

Manuscript under communication

- Semi-Quantitative estimation of bacterial strains to study the microbial interactions in a multi-species consortium under phosphate deficiency in salt stress condition.

## Oral and Poster Presentations

1. Siderophore based inter-dependence among bacteria in a consortium in relation to community establishment under stressed environment. Poster presented at 59<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI, 2018) and International symposium on “Host-Pathogen Interactions”, held on 9<sup>th</sup> – 12<sup>th</sup> December, **2018**, organised by The University of Hyderabad, Hyderabad, India.
2. PCR based method for detection and quantitation of individual members of a consortium of diverse plant growth promoting rhizobacteria. Poster presented at 4<sup>th</sup> National Conference on “Plant Growth Promoting Rhizobacteria (PGPR) for Sustainability of Agriculture and Environment”, held on 11-12 May, **2018**, organised by The Mizoram University, Aizawl (Mizoram), India.
3. Improved bacterial PGPR traits under salt stress in bacterial consortia. Oral presentation at UGC DRS Program sponsored “One day National seminar on Plant-Microbe interactions in Plant health, disease and Biocontrol”, held on 4<sup>th</sup> October **2017**, organised by the Department of Microbiology & Biotechnology Centre, Faculty of Science, The M. S. University of Baroda, Vadodara (Gujarat), India.
4. Enhanced P-solubilization in mixed population of plant beneficial rhizospheric micro-organisms under salt stress. Poster presented at - The 58<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI, 2017) and International symposium on “Microbes for Sustainable development: Scope & Applications”, held on 16<sup>th</sup> – 19<sup>th</sup> Nov, **2017**, organised by the Babasaheb Bhimrao Ambedkar University, Lucknow (U.P.), India.

5. Heavy metal resistant bacterium induces salt tolerance in plants. Poster presented at - The 56<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI, 2015) and International symposium on “Emerging discoveries in Microbiology”, held on 7<sup>th</sup> – 10<sup>th</sup> December, **2015**, organised by the School of Life Sciences, JNU, New Delhi, India.

## Awards

- ✓ Awarded the “**First Prize**” for best poster presentation at the 4<sup>th</sup> National PGPRAE conference, organised by the Mizoram University, held on 11<sup>th</sup> – 12<sup>th</sup> May **2018**, Aizawl (Mizoram), India.