

List of Publications and Presentations

Publications

Published (Appendix I)

Gosai, J., Anandhan, S., Bhattacharjee, A., & Archana, G. (2020). Elucidation of quorum sensing components and their role in regulation of symbiotically important traits in *Ensifer nodulating pigeon pea*. *Microbiological research*, 231, 126354.

Under preparation

Overexpression of CinRI quorum sensing system in *Rhizobium leguminosarum* 3841 enhances symbiotically important phenotypes.

Gosai, J. Archana, G.

Spatiotemporal root colonization dynamics of *Ensifer nodulating Cajanus cajan* on the host root.

Gosai, J., Patel, J., Archana, G.

Presentations

February 2020 • Attended and delivered an oral presentation on “Identification and analysis of quorum sensing gene homologues in *Ensifer spp. nodulating pigeon pea*.” at National seminar on Genomics and Metagenomics of Microbial Ecosystems, organized by Department of Microbiology and Biotechnology Centre, The Maharaja Sayajirao University of Baroda, Vadodara, India.

February, 2019 • Attended and presented a poster entitled “Quorum sensing and regulation of nodulation competitiveness of pigeon pea rhizobia” at, Acharya Nagarjuna University, Guntur, Andhra Pradesh.

August, 2016 • Attended and presented a poster entitled “Characterisation of quorum sensing proficient pigeon pea nodulating rhizobia for their symbiotic competence and plant growth promotion” at 12th European Nitrogen Fixation Conference, Budapest, Hungary.

February, 2016 • Attended and presented a poster entitled “Quorum sensing in pigeon pea associated rhizobia and its role in their symbiotic competence” at XXX Gujarat Science Congress 2016, KSKV Kachchh University, Bhuj, Gujarat, India.

November 2014 • Attended and presented a poster entitled “Detection of N-acyl homoserine lactone-autoinducers and quorum sensing gene-circuits in pigeon pea rhizobia” at 55th Annual Conference of the Association of Microbiologists of India, TNAU, Coimbatore, Tamil Nadu, India.

Underlined attached as Appendix II