

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