Publications

- A Comprehensive Gene Expression Profile of Pectin Degradation Enzymes Reveals the Molecular Events during Cell Wall Degradation and Pathogenesis of Rice Sheath Blight Pathogen *Rhizoctonia solani* AG1-IA. (Thalluri Bhaskar Rao, Ramakrishan Chopperla, Naresh Babu Prathi, Marudamuthu Balachandran and Satendra k Mangrauthia). FULL PAPER

- Detecting CSSLs and yield QTLs with additive, epistatic and QTL X environment interaction effects from Oryza sativa X O. nivara IRGC81832 cross. (Divya Balakrishnan, Malathi Surapaneni, Venkateswar Rao Yadavalli, Krishnam Raju Addanki, Sukumar Mesapogu, Kavitha Beerelli & Sarla Neelamraju). FULL PAPER


- Genome-wide transcriptome profile of rice hybrid with and without Oryza rufipogon introgression reveals candidate genes for yield. (Haritha Guttikonda, Shashi Rekha Thummala, Surekha Agarwal, Satendra K. Mangrauthia, Rajeshwari Ramanan, & Sarla Neelamraju).

- Conversion of partial restorer Swarna into restorer by transferring fertility restorer Rf gene(s) through marker assisted back cross breeding (MABB) in rice. (Revathi Ponnuwamy, Arun Kumar Singh, Meenakshi Sundaram raman, Lella Venkata Subbarao & Neeraja C. N).

FULL PAPER
  
  **Abstract**

- **Crop Improvement Strategies for Mitigation of Methane Emissions from Rice** (Divya BalaKrishnan, Kalyani Kulkarni, P.C. Latha, D. Subrahmanyam)
  
  **Abstract**

- **Incorporation of the novel bacterial blight resistance gene Xa38 into the genetic background of the elite rice variety Improved Samba Mahsuri** (Arra Yugander¹, Raman M. Sundaram¹, Kuldeep Singh², Duraisamy Ladhalakshmi¹, Lella V. Subba Rao¹, Maganti Shehu Madhav¹, Jyothi Badri¹, Madamsetty Srinivas Prasad¹, Gouri Sankar Laha¹)

  **Full Paper**