

## Research Publications in International and National Journals

- Abhilash Kumar V, Balachiranjeevi CH, Bhaskar Naik S, Rambabu R, Rekha G, Pranathi K, Hajira SK, Anila M, Mahadevaswamy HK, Harika G, Hariprasad AS, Madhav MS, Laha GS, Prasad MS. and Sundaram RM (2015). Marker-assisted introgression of genes conferring resistance against bacterial blight & blast into RPHR1005-1005, the elite restorer line of the popular rice hybrid, DRRH-3. *International Journal of Current Research* 7(11): 22222-22228.
- Abhilash Kumar V, CH. Balachiranjeevi, S. Bhaskar Naik, R. Rambabu, G. Rekha, K. R. Madhavi, G. Harika, S. Vijay, K. Pranathi, S. K. Hajira, A. Srivastava, H. K. Mahadevaswamy, M. Anila, A. Yugander, J. Aruna, A. S. Hari Prasad, M. S. Madhav, G. S. Laha, B. C. Viraktamath, S. M. Balachandran, P. Senguttuvel, B. Kemparaju, V. Ravindra Babu, R. M. Sundaram, M. S. Prasad (2016). Marker-assisted introgression of the major bacterial blight resistance gene, Xa21 and blast resistance gene, Pi54 into RPHR-1005, the restorer line of the popular rice hybrid, DRRH3. *J. Plant Biochem. Biotechnol.* PP: DOI 10.1007/ s13562-016-0352-z.
- Agarwal S, Mangrauthia SK\*, and Sarla N (2015). Expression profiling of iron deficiency responsive microRNAs and gene targets in rice seedlings of Madhukar x Swarna recombinant inbred lines with contrasting levels of iron in seeds. *Plant and Soil*, 396: 137-150.
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- Amitha Mithra, S. V, M. K. Kar, T. Mohapatra, S. Robin, N. Sarla, M. Seshashayee, K. Singh, A. K. Singh, N. K. Singh and R. P. Sharma. 2015. DBT propelled national effort in creating mutant resource for functional genomics in rice. *Current Science*, 110 (4), 543-548.
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- Amtul Waris (2015) Training for capacity building of extension personnel for improving efficiency of knowledge transfer to farming communities. *Agriculture Update* 10 (3): 23-28.
- Amtul Waris (2016) Farm Tourism an innovative income earning opportunity for farm women. *Rashtriya Krishi* 10(2): 53-55.
- Amtul Waris (2016) Women in agriculture: Key developments under eleventh five year plan and thrust areas of the twelfth plan. *International Journal of Home Science Extension And Communication Management* (3) 1:45-49.
- Amtul Waris, B. Nirmala and S. Arun Kumar (2016) Gender gap and female workforce participation in agriculture in Andhra Pradesh, India. *Afr. J. Agric. Res.* 11 (9):769-778.
- Arun K. Singh<sup>#</sup>, Revathi Ponnuswamy<sup>#</sup>, Krishnaveni Donempudi and Satendra K. Mangrauthia\* (2016) The differential reaction of rice hybrids to Tungro virus by phenotyping and PCR analysis. *Journal of Phytopathology*: 1-8. (# these authors contributed equally).
- Arun Kumar Singh, Pulin Borah, Revathi Ponnuswamy\*, Debojit Sarma, Ashutosh Roy and G. N. Hazarika. 2016. Identification of fertility restorers among Assam rice cultivars by phenotyping and molecular screening approaches. *Indian J. Genet.*, 76(1): 10-17.

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