

## Research Papers

**Sharma P\***, Sharma, I and Bhardwaj, S.C. 2012. Studies on a New Pathotype 93R57 of *Puccinia triticina* on Wheat in India. *Plant Disease* 96(10): 1580. Doi.org/10.1094/PDIS-05-12-0434-PDN. (IF=2.449)  
(<http://apsjournals.apsnet.org/doi/abs/10.1094/PDIS-05-12-0434-PDN>)

**Sharma P\***, Saini M. Sheoran, S and Sharma I. 2012. Molecular analysis of dimeric  $\alpha$ -amylase inhibitor genes in Indian wheat. *Indian Journal of Biotechnology* (under Press) (IF=0.55)

01. Pandey B, **Sharma P\***, Pandey D.M., Varshney J, Sheoran S, Singh M, Singh R, Sharma I. and Chatrath R. 2012. Comprehensive analysis of different classes of Glutathione S-transferases in *Triticum aestivum* L. *Plant Omics Journal* 5(6): 518-531 (IF=1.734)  
([http://www.pomics.com/sharma\\_5\\_6\\_2012\\_518\\_531.pdf](http://www.pomics.com/sharma_5_6_2012_518_531.pdf))

02. **Sharma, Pradeep\***, Sharma, Pooja, Saini, Manoj, and Singh, S. S. 2011. Allele-specific primer based identification of dimeric alpha-amylase inhibitor. Available online *Nature Precedings* <<http://hdl.handle.net/10101/npre.2011.5596.1>>.

## Chapters

1. **Sharma, P.** and Singh R. 2011. RNA interference and functional wheat genomics. **In:** *RNAi Technology* (Edt. R.K. Gaur, P. Sharma, and Y. Gafni) Science Publisher Inc., USA. (<http://www.crcnetbase.com/doi/abs/10.1201/b10882-16>)
2. **Sharma, P.** 2011. RNA interference and its applications. In: A Compendium on "Marker assisted selection for genetic enhancement for rust and quality traits in wheat".(Etd). R Singh, P. Sharma., Malik R, R Tiwari and S S Singh. Directorate of Wheat Research & Indian Council of Agricultural Research, Delhi
3. Sahid, MS, **Sharma, P\***, and Ikegami, M. 2012. Mutational analysis of effectors encoded by monopartite begomoviruses and their satellites. Chapter 9. <http://dx.doi.org/10.5772/54518>. **In:** *Plant Science* Edt N K Dhal, Intech Publisher, Croatia. p217-240.

## Conferences

Saini M, **Sharma P** Sareen S and Sharma I. 2011. Validation of available molecular markers for heat tolerance in diverse bread wheat genotypes. In: *International symposium on Plant biotechnology Towards Tolerance to Stresses and Enhancing Crop Yield* held on Sept 28-Oct 1, 2011 at BIT, Mesra, Ranchi.p91

Saini, M and **Sharma P.** 2012. Assessment of genetic diversity in available Indian heat tolerant wheat genotypes In: *International conference on Microbe, Plant and Animal Research (ICMPAR-2012)* held on March 29-31, 2012 at MITS , Sikar, Rajasthan. P146.