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## Publications

G. Rao Ramya, A. Ravichandran, A. Dhali, A. P. Kolte, K. Giridhar and **Sridhar Manpal**. (2018). A Rapid Microwave Method for Isolation of Genomic DNA and Identification of White Rot Fungi. *Biotechnology Journal International*.21(2): 1-7, 2018; Article no.BJI.42191ISSN: 2456-7051(Past name. *British Biotechnology Journal, Past ISSN: 2231–2927, NLM ID: 101616695*).

Vidya Pradeep Kumar, Chandrashekar Naik and **Manpal Sridhar**. (2018). Morphological and phylogenetic identification of a hyper laccase producing strain of *Schizophyllum commune* NI-07 exhibiting delignification potential. *Indian Journal of Biotechnology*, 17: 302-315.

Vidya Pradeep Kumar, Atul P. Kolte, Arindam Dhali, Chandrashekar Naik and **Manpal Sridhar**. (2018). Enhanced delignification of lignocellulosic substrates by *Pichia* GS115 expressed recombinant laccase. *The Journal of General and Applied Microbiology*. Manuscript ID JGAM- 2017-0200-FP.

Thammaiah Vandana, Ramya G. Rao, Samanta Ashish Kumar, Senani Swaraj and **Sridhar Manpal**. (2018). Enhancing Production of Lignin Peroxidase from White Rot Fungi Employing Statistical Optimization and Evaluation of its Potential in Delignification of Crop Residues. *International Journal of Current Microbiology and Applied Sciences*. 7(01): 2599-2621.

Vidya Pradeep Kumar, Atul P. Kolte, Arindam Dhali, Chandrashekar Naik and **Manpal Sridhar**. (2017). Use of Gene Specific Universal Primers for Isolation of DNA Sequences Encoding Laccase Enzyme from a Wild Isolate of *Schizophyllum commune*. *Biotechnology Journal International* 20(2): 1-11, 2017; Article no.BJI.37022 DOI: 10.9734/BJI/2017/37022.ISSN: 2456-7051(Past name: *British Biotechnology Journal, Past ISSN: 2231–2927, NLM ID: 101616695*).

Aarthi Ravichandran and **Manpal Sridhar**\* (2017). Insights into the mechanism of lignocellulose degradation by versatile peroxidases. *Current science*, 113, (1):35-42.

**M.Sridhar**\*, V. Thammaiah and R.U. Suganthi. (2016). Evaluation of Carvacrol in Ameliorating Aflatoxin induced Changes with Reference to Growth and Oxidative Stress in Broiler Chickens. *Animal Nutrition and Feed Technology*, 16: 283-296.

Vidya, P. Kumar, C. Naik, and **M. Sridhar**. (2015). Production, Purification and Characterization of Novel Laccase Produced by *Schizophyllum commune* NI\_07 with Potential for Delignification of Crop Residues. *Applied Biochemistry and Microbiology*. 51(4):432–441.

**Sridhar, M.**, R. U. Suganthi and V. Thammiaha (2014). Effect of dietary resveratrol in ameliorating aflatoxin B1-induced changes in broiler birds. *Journal of Animal Physiology and Animal Nutrition* © 2014 Blackwell Verlag GmbH. DOI: 10.1111/jpn.12260.

**Manpal Sridhar**, Deepak Kumar, S. Anandan, C.S. Prasad and Dr. K.T. Sampath. (2007). Occurrence and prevalence of *Cyllumyces* genus• A putative anaerobic gut fungus, in Indian cattle and buffaloes. *Current science*, 92 (10) 1356-1358