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Special Issue on Wood Rotting Fungi

Call for Papers

Wood Rotting Fungi (**WRF**) is a variety of fungus that digests moist wood, causing it to rot. WRF can be classified into 3 types: Brown rot fungi, Soft rot fungi and white rot fungi. Wood degradation by WRF relies on the special extracellular ligninolytic enzyme system, which is mainly consist of lignin peroxidase (LiP), manganese peroxidase (MnP) and Laccase. This special enzyme system can not only cause the decomposition of wood, but also have a wide range of substrates including various phenolic and non-phenolic compounds. WRF has been widely applied in biotechnology and industry such as delignification of lignocellulosics, paper pulping, textile dye decolorization, food industry, environmental protection and bioremediation. Thus further study on **WRF** or its extracellular ligninolytic enzyme system is meaningful.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **wood rotting fungi**. Potential topics include, but are not limited to:

- Genomic or proteomics study on WRF
- Application of WRF in industry
- Obtaining of novel WRF resources
- Genes' cloning or function analysis of WRF ligninolytic enzymes
- Regulation on the synthesis of WRF ligninolytic enzymes

Authors should read over the journal's Authors' Guidelines carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue – *Wood Rotting Fungi***" should be chosen during your submission.

According to the following timetable:

Submission Deadline	January 22nd, 2015
Publication Date	March 2015

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For further questions or inquiries
Please contact Editorial Assistant at
aim@scirp.org