Special Issue

Biodegradation of Woody Components and Xenobiotics by Fungi

Message from the Guest Editor

The development of biorefinery technology to produce biofuels and renewable chemicals is necessary for the prevention of global warming. Lignocellulosic biomass is the most abundant carbon-neutral source, and is considered attractive feedstocks for resources of second generation biorefinery. However, the presence of lignin in lignocellulose become an obstacle for the development of second generation biorefinery techniques. In nature, lignin degradation by white-rot fungi is the key step in lignocellulose decay, and white-rot fungi are paid attention as biological ligninolytic tools. Moreover, white-rot fungi indicate several fermentable activities such as alcohol fermentation. Here, this special issue focuses “lignin biodegradation by white-rot fungi” to create renewable clean energy from lignocellulose.

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The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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