



## (Functional) Genomics and Bioinformatics in Fungal Plant Biomass Conversion

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### Message from the Guest Editor

Dear Colleagues,

In nature, fungi are the major degraders of plant biomass, and play a key role in the global carbon cycle. The crucial enzymes or genes involved in fungal plant biomass conversion (FPC) have been widely applied or shown tremendous potential in many industrials, such as biofuel, papers, textile and food. In recent decades, genomics, functional genomics and bioinformatics have become indispensable methods for facilitating the discovery of crucial genes/pathways involved in FPC, including novel degrading enzymes, sugar transporters, sugar metabolic genes, signalling pathways, transcriptional regulatory networks and fungal biodiversity. In this Special Issue, we would like to bring together the cutting-edge research employing (functional-) genomics approaches or developing novel bioinformatics methods to improve our understanding of fungal plant biomass conversion.

Dr. Mao Peng  
*Guest Editor*





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## Message from the Editor-in-Chief

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