



Transcriptome and Proteome Analysis of Fungi

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Message from the Guest Editor

Dear Colleagues,

Advancements in genomic, transcriptomic, and proteomic analyses yield an expanding data stream, often surpassing personal handling capacity. The abundance of details hinders a comprehensive view. Typically, we operate within the paradigm of one gene, one enzyme, one function, or, at best, many genes, many enzymes, and many functions. However, integrative analysis methods lack comprehensive insights into biological processes. While we can read, our comprehension is limited. In recent years, remarkable progress has unfolded in two thriving scientific fields: data science and artificial intelligence. In this Special Issue of *IJMS*, we aim to explore the intersection of transcriptomics and proteomics in the emerging landscape of data science and artificial intelligence. We invite researchers to submit innovative works to contribute to this melting pot. To achieve this, we focus on fungi as biologically complex yet manageable systems, considering their genome size and developmental processes.





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Message from the Editor-in-Chief

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