

## Special Issue

# Transcriptome and Proteome Analysis of Fungi

### Message from the Guest Editor

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.

### Guest Editor

Prof. Dr. Antonio Pisabarro

Institute for Multidisciplinary Research in Applied Biology (IMAB), Public University of Navarra (UPNA), 31006 Pamplona, Spain

### Deadline for manuscript submissions

closed (30 July 2024)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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