

Special Issue

Proteomic Analysis of Microorganisms

Message from the Guest Editors

Microorganisms are useful samples for the development of new omics technologies, including proteomics, because of their simple genomic size. Microorganisms have versatile abilities allow them to adapt to familiar culture conditions in harsh environments. A proteomic analysis of microorganisms provides useful information for its role in a unique ecological niche for basic and application research.

This Special Issue is made up of recent studies which focus on the proteomic analysis of microorganisms. These include: the proteomic characterization of a single microorganism or microbiomes under specific culture conditions, the characterization of novel secreted proteomes or extracellular vesicles (EV) of the microorganism for screening of biomarkers; the application of proteomic tools to elucidate the mechanism of specific physiological characterization of microorganisms; the proteomic analysis of clinical samples from human patients involved with infectious diseases or animal models; other proteomic results related to the environmental or pathogenic microorganisms and viruses.

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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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