



Proteomic Analysis of Microorganisms

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Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Seung Il Kim
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Message from the Editor-in-Chief

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