

Special Issue

Systems Biology Approaches for Understanding Human Health and Disease

Message from the Guest Editors

Dear colleagues, Systems biology approaches aim to understand human health and diseases by analyzing and integrating information from different levels with a systems and dynamic fashion. In this Special Issue, we welcome studies (both reviews and articles) on but not limited to the following potential topics:

- Machine learning workflows and their applications in omics integration;
- Machine-learning-based diagnostic/prognostic models for human disease;
- Machine-learning-based prediction of treatment outcomes;
- Multi-omics studies of human disease or microbiome;
- Network-based analysis of omics data;
- Mathematical modeling of human disease;
- Mathematical modeling of human microbiome;
- Integrative analysis involving in drug development;
- Host-microbiota interaction.

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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