



Systems Biology Approaches for Understanding Human Health and Disease

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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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Guest Editors





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