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Metabolic Networks, Metabolism Regulation and Metabolomics in Systems Biology

Guest Editor:

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Message from the Guest Editor

Rapid advances are being made in the field of systems biology due to the interdisciplinary nature of the state-of-the-art research approaches and large-scale projects, along with the availability of new technologies and the vast amount of data. Collaborations between experimental biologists, computational scientists and clinical researchers open new perspectives for integrative studies. On the other hand, there are challenges connected to complexity management and data interpretation, as well as practical applications of the research results.

The objective of this Special Issue is to have an open access forum for advances in metabolism-related aspects of systems biology to be presented through original articles, reviews, data descriptors and protocols. Of particular interest are topics of metabolism regulation, metabolomics data analysis and interpretation.



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Special Issue



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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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