



Metabolism and Diseases

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Message from the Guest Editors

Dear Colleagues,

The proper control of metabolism is required for essentially every basic biological process. From recent work, it is becoming more evident that many human diseases involve abnormal metabolic states. Altered metabolism at the cellular level contributes to several serious diseases including Alzheimer's disease, obesity, diabetes, and cancer. This awareness leads us to understand the molecular mechanisms that underlie metabolism and its associated pathology. This Special Issue focuses on investigating the connection between metabolic perturbation and diseases, characterizing metabolic disorders, understanding how they compromise tissue function, identifying metabolites that can be potentially used as biomarkers, and designing therapies to restore normal metabolism and improve health.

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Guest Editors





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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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