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Metabolism in Diabetes Progression and Diabetic Complications

Guest Editor:

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Deadline for manuscript submissions:
closed (31 May 2024)

Message from the Guest Editor

Dear Colleagues,

About 500 million people worldwide have diabetes. In recent years, the options for prevention, treatment and care have markedly improved. Nonetheless, diabetes and its comorbidities still are linked to a decreased quality of life, disabilities, premature death and major health-economic challenges to society. It is paramount to further improve our tools to counter the progression of hormonal and metabolic derangements of diabetes as well as of macro- and microvascular damage that eventually leads to debilitating conditions, such as cerebrovascular, heart, kidney, nerve and eye disease.

In this Special Issue, we aim to collect several important papers on diabetes and its complications, focusing on markers, mechanisms and therapeutic principles that will improve understanding and management of diabetes progression. The scope includes the early development of diabetes, continuing alterations in the regulation, the action of insulin and other hormones as well as the development of chronic diabetes complications and other comorbidities. The contributions may be in the format of original papers as well as reviews.

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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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