

## Special Issue

# Molecular Research on Diabetes—2nd Edition

### Message from the Guest Editors

Diabetes is a metabolic disease characterized by hyperglycemia. This chronic disorder raises the risk of microvascular as well as neurological disorders and contributes to the pathophysiology of diabetes complications. Type II diabetes accounts for 85–90% of all diabetic patients. There are a range of reasons as to why diabetes can occur: insulin resistance and  $\beta$  cell dysfunction are the main causative abnormalities; however, several mutations in the genes important for glucose homeostasis and  $\beta$  cell development have been related to the progress of hyperglycemia. In addition, environmental factors may influence the incidence of hyperglycemia. Although several studies have aimed to elucidate the molecular mechanisms underlying the development of diabetes and its complications, their precise pathophysiology is not completely understood. This Special Issue aims to collect the latest research on different biological processes and molecular mechanisms that cause diabetes.

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### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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