

Special Issue

Molecular Pharmacology in Diabetes, 2nd Edition

Message from the Guest Editors

Diabetes is one of the most significant global public health concerns. Poorly controlled diabetes can have severe repercussions in a wide range of organs and tissues of the body, ranging from vascular complications, including retinopathy, nephropathy, and cardiomyopathy, to other diseases such as cancer or neurodegenerative problems. Despite advances in therapeutic strategies to lower glucose levels, some of the complications of diabetes are neither reversible nor preventable. Understanding the molecular signaling pathways underlying diabetes and related complications helps to identify potential new therapeutic targets for the management of those diseases.

This Special Issue invites important and novel advances made on the identification of key molecules and molecular signaling pathways associated with oxidative stress and inflammation in diabetes and related complications that could open new therapeutic avenues. In addition, state-of-the-art molecular studies on therapeutical options for those diseases are also welcomed, including pre-clinical studies using relevant cellular and animal models but excluding pure clinic-related research.

Guest Editors

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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.

Editor-in-Chief

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