

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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