

## Special Issue

# Cellular and Molecular Mechanisms in Diabetes Therapies

### Message from the Guest Editor

Diabetes mellitus is a major and growing global health concern, characterized by complex metabolic dysfunctions and a wide spectrum of complications. Despite notable progress in therapeutic development, a deeper understanding of the cellular and molecular pathways that govern diabetes pathogenesis and treatment responses is urgently needed to improve clinical outcomes. This Special Issue of the *International Journal of Molecular Sciences*, under the section *Molecular Endocrinology and Metabolism*, aims to showcase recent advances in the elucidation of molecular and cellular mechanisms involved in diabetes and its therapies. We welcome original research articles, reviews, and short communications focusing on topics ranging from  $\beta$ -cell dysfunction and insulin signaling to immune regulation, metabolic crosstalk, and innovative therapeutic approaches such as gene and stem cell therapies. Particular emphasis will be placed on studies that integrate molecular insights with translational potential, as well as those that explore novel diagnostic or therapeutic targets.

### Guest Editor

Dr. Abdelkrim Hmadcha

Biosanitary Research Institute (IIB-VIU), Valencian International University (VIU), 46002 Valencia, Spain

### Deadline for manuscript submissions

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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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

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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