



an Open Access Journal by MDPI

Diabetes Complications: From Pathophysiology to Novel Therapeutic Approaches

Guest Editor:

Dr. Istvan Kovanecz

1. The Lundquist Institute,
Torrance, CA, USA
2. David Geffen School of
Medicine at UCLA, Los Angeles,
CA, USA

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editor

The Special Issue will focus on the molecular pathophysiology of diabetes mellitus and its devastating complications, as well as new biomarkers for early detection, and novel therapeutic approaches.

Diabetes mellitus has become a worldwide epidemic in recent decades. A more comprehensive understanding of the underlying molecular processes and identification of key molecules could lead to a more precisely targeted intervention either for prevention or for treatment. Monitoring changes in the global gene expression profile, refined by global micro RNA expression profiling, could provide the necessary clues to find those key components and biomarkers. This Special Issue is open for original articles and reviews in basic, clinical, and translational, as well as multidisciplinary research, including but not limited to the following diabetes-related topics:

- Cardiovascular disease
- Hyperlipidemia
- Neuropathy
- Erectile dysfunction
- Nephropathy
- Retinopathy
- Skin conditions
- Impaired wound healing
- Hearing impairment
- Psychological effects



mdpi.com/si/36669

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within *Scopus*, *SCIE (Web of Science)*, *PubMed*, *PMC*, *CAPlus / SciFinder*, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
X@Biomed_MDPI