



The Role of Natural Products on Diabetes Mellitus Treatment

Guest Editors:

**Prof. Dr. Diana Marcela Aragon
Novoa**

Departamento de Farmácia,
Facultad de Ciencias,
Universidad Nacional de
Colombia, Cra. 30 45-03, Bogotá
111321, DC, Colombia

**Prof. Dr. Fátima Regina Mena
Barreto Silva**

Institute of Cellular Bioelectricity
(IBIOCEL): Science & Health,
Departament of Biochemistry,
Center of Biological Sciences,
Campus Trindade, Federal
University of Santa Catarina,
Florianópolis 88040-900, SC,
Brazil

Deadline for manuscript
submissions:

closed (5 December 2022)

Message from the Guest Editors

Dear Colleagues,

Diabetes mellitus (DM) is a metabolic disease characterized by hyperglycemia due to secretion and/or the action of insulin or both. This disease of high incidence and prevalence affects the quality of life and productivity of the population that suffers from it. Although there are drugs that have been widely used in the treatment of this disease, at present the search for possible antidiabetic agents has continued, especially if they have more than one mechanism of action, taking into account the complexity of this pathology.

Although it is difficult to find a substitute for insulin among plants, it is possible that molecules can be found that stimulate endogenous insulin biosynthesis and secretion or increase glucose absorption in blood by peripheral tissues, by acting as insulinomimetic or insulin secretagogue agents. This Special Issue is focused on the study of natural products (characterized extracts and isolated secondary metabolites) in the treatment of diabetes mellitus complications by in vivo and in vitro assays. Clinical trials are also welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

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, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma