



Molecular Transformations of Natural Products

Guest Editors:

Prof. Dr. Vladimír Křen

Institute of Microbiology,
Academy of Sciences of the
Czech Republic, Laboratory of
Biotransformation, National
Centre of Biocatalysis and
Biotransformation, Videnska
1083, CZ 142 20 Praha 4, Czech
Republic

**Prof. Dr. Maria Lourdes
Gómez-Gómez**

Department of Science and
Agroforestral Technology and
Genetics, Botanical Institute,
University of Castilla-La Mancha,
Campus Universitario s/n, 02071
Albacete, Spain

Deadline for manuscript
submissions:

closed (30 April 2018)

Message from the Guest Editors

Dear Colleagues,

Natural products (NP) have had a major impact on chemistry, chemical biology and drug discovery and have been part of medical remedies since ancient times. Nowadays, NP represent a unique source of leads for medicinal chemistry and drugs derived from NP have found widespread use for the treatment of cancer, cardiovascular diseases, bacterial and fungal infections. Numerous NP are either part of our current diet or are used as dietary supplements. NP are often targets of (relatively simple) derivatizations or transformation aiming often at the optimization of biological effects or preparation of metabolites.

This Special Issue of IJMS will be interested in contributions that describe important new studies, which will broaden methodology of molecular transformation of natural products, such as carotenoids, flavonoids, alkaloids, natural glycosides and other NP.

Prof. Dr. Vladimír Křen

Prof. Dr. Maria Lourdes Gómez-Gómez

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI