



Identification of Metabolites of Xenobiotics 2.0

Guest Editor:

Prof. Dr. Barbora Szotáková

Charles University, Faculty of
Pharmacy, Heyrovského 1203,
500 05 Hradec Králové, Czech
Republic

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

All living organisms are constantly in contact with xenobiotics, e.g., drugs, food dyes and additives, cosmetic preparations, and environmental contaminants. Every xenobiotic, whether intentionally or inadvertently taken, represents a potential burden and danger for the consumer. Therefore, organisms have systems through which they metabolize, deactivate, and excrete xenobiotics—the so-called drug-metabolizing enzymes.

This Special Issue of IJMS will cover a selection of recent research topics and current review articles in the field of the identification and quantification xenobiotic metabolites in various organisms (humans, animals, invertebrates, plants, etc.). Researchers are cordially invited to submit work relevant to these topics.

- xenobiotics
- drugs
- metabolites
- environmental contaminants
- biotransformation enzymes
- drug metabolizing enzymes
- drug testing
- mass spectrometry
- identification





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