

Special Issue

Metabolism Disrupting Chemicals: Screening, Testing and Molecular Pathway Identification

Message from the Guest Editors

Anthropogenic chemicals in our environment have become part of our everyday life. Some of them can interfere with the normal function of the endocrine system, causing adverse health effects. This subset of chemicals is collectively known as endocrine disrupting chemicals (EDCs). EDCs have been associated with several health disorders, including developmental and reproductive abnormalities, increased prevalence of hormone-sensitive cancers, or neurodevelopmental disorders. Furthermore, an expanding body of scientific evidence has demonstrated an association between exposure to EDCs and metabolic disorders including diabetes, obesity or hepatic steatosis. The latter are named metabolism disrupting chemicals (MDCs). This Special Issue will focus on reviews and original data manuscripts that concern: (1) studies on screening and testing strategies to identify MDCs; (2) molecular mechanisms of MDC action leading to adverse metabolic outcomes; (3) in silico, in vitro, in vivo, and epidemiological studies on the exposure and effects of MDCs.

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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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