



an Open Access Journal by MDPI

Zebrafish 2.0: A Model for Toxicological Research

Guest Editor:

Prof. Dr. Juliette Legler

Institute for Risk Assessment
Sciences, Department of
Population Health Sciences,
Faculty of Veterinary Medicine,
Utrecht University, Utrecht, The
Netherlands

Deadline for manuscript
submissions:
closed (1 April 2019)

Message from the Guest Editor

Dear Colleagues,

In this Special Issue, we welcome contributions that show recent developments in zebrafish toxicity testing and drug discovery, such as novel endpoints, assays and testing strategies. Articles covering aspects of molecular and cellular mechanisms of action to effects on individual fish as well as multigenerational effects and population level impacts are invited. Contributions on high throughput screening, monitoring and safety assessment of chemicals are invited, as well as new insights on the effects in chemical exposure in zebrafish models of human diseases. Translational studies that employ molecular methods to enhance our understanding of human health or environmental risk assessment are also of interest.

Prof. Dr. Juliette Legler
Guest Editor



mdpi.com/si/15034

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

International Journal of Molecular
Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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