



an Open Access Journal by MDPI

Zebrafish as a Model in Human Disease

Guest Editors:

Dr. Andrea Vettori

Department of Biotechnology,
University of Verona, 37134
Verona, Italy

Dr. Nicola Facchinello

Neuroscience Institute, National
Research Council (CNR), 35131
Padua, Italy

Dr. Marco G. Schiavone

Department of Molecular and
Translational Medicine, Zebrafish
Facility, University of Brescia,
25123 Brescia, Italy

Deadline for manuscript
submissions:

closed (28 January 2023)

Message from the Guest Editors

This Special Issue on “Zebrafish as a Model in Human Disease” welcomes original investigations as well as concise review manuscripts focusing on the application of the zebrafish organism to model disease and provide new insight into disease mechanism and therapy. Understanding and fighting diseases require the right tools. Some aspects of disease biology and treatment, such as tissue homeostasis, interactions between cells and their microenvironment, and response to drugs, cannot be fully recapitulated in vitro. The zebrafish continues to fascinate the research community and represents an ideal model for the in vivo study given its transparency, high manipulability, versatility and availability of a range of genetic tools (mutant, transgenic lines and biosensors), enabling researchers to answer key biological questions at a whole-organism level.



mdpi.com/si/109386

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 and Molecular Biology) / CiteScore - Q1 (Inorganic 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