

Special Issue

Aquatic Organisms as Disease Models

Message from the Guest Editors

Aquatic organisms are an irreplaceable source of medicinal drugs and therapeutics, a perfect model system and indicator for many human diseases.

To mention a few examples, for several decades, the African clawed frog *Xenopus laevis* has been used for human pregnancy tests. *Xenopus* frogs are the perfect human ciliary-based model for kidney disease, and the *Xenopus* sex reversal is an excellent indicator of water contamination with endocrine disruptors that mimic human sex hormones and are present in the majority of cosmetics and everyday products. Zebrafish and squid eyes are a model for human ocular diseases, such as glaucoma, cataracts, photoreceptor degeneration, and cornea and retina disorders.

For this Special Issue, we invite research and review articles on the recent progress in aquatic organisms as a source of medication and models for human diseases. In addition, papers concerning markers of environmental pollutants and acting as a source of antipollutant compounds are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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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