



toxics



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Editorial Board Members' Collection Series: Zebrafish as a Model for Toxicological Research

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Deadline for manuscript submissions:

closed (8 March 2024)

Message from the Guest Editors

This Special Issue intends to gather contributions presenting new insights into the adverse effects of chemical compounds on this cutting-edge teleost model and to explore mechanisms and methods relevant to chemistry, pharmacology, and biomedicine. In the last two decades, zebrafish has gained momentum as a model for toxicological research due to its intrinsic biological advantages, and due to the availability of molecular tools, high-throughput screening systems and numerous mutant and transgenic lines.

Manuscripts should be original and present novel findings on topics including naturally occurring toxicants, emerging pollutants, pathophysiological mechanisms underlying compound toxic effects, the development of screening pipelines to identify toxicologically relevant molecules, the establishment of new mutant and transgenic zebrafish lines for the assessment of toxic effects on various organs and tissues, the genetics and omics effects of exposure to toxic compounds, and the developmental and transgenerational effects of toxic exposure.



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Special Issue



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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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