Special Issue

Toxicological Studies Using Zebrafish Models

Message from the Guest Editors

Zebrafish are crucial models in toxicology, particularly in disease modeling. Frequently used in drug screening, including in safety evaluations of synthetic drugs, traditional Chinese medicine, and ethnic medicine, they are fast, sensitive, and cost-effective, making them highly valuable for the initial high-throughput screening of drug (toxicant) effects. In the realm of environmental toxicology, zebrafish play a vital role in monitoring the levels of various harmful substances that impact human health. These substances include persistent organic pollutants, pesticides, and heavy metals, among others. The genetic similarity between zebrafish and humans makes zebrafish effective for simulating human responses to both drugs and environmental pollutants; as such, they are an indispensable tool in toxicological studies. This Special Issue aims to collect a broad spectrum of novel research in the field of toxicology, using zebrafish as the model organism. We look forward to receiving your contributions.

Guest Editors

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About the Journal

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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