

Special Issue

Behavioral Impairment in Aquatic Organisms Exposed to Neurotoxic Pollutants

Message from the Guest Editors

Neuroactive chemicals are the largest group of micropollutants present in European rivers. Neurotoxic actions of environmental contaminants on non-target species have been determined. It is suspected that such actions include changes in the behavior of organisms. This Special Issue aims to highlight research on behavioral analysis in aquatic organisms using automated image analysis systems. Studies that anchor behavioral impairment with molecular markers, and also with population level effects will be preferred. Research addressing exposure to environmental relevant concentrations of pollutants will receive priority.

Methodological studies developing new tools for the automated behavioral analysis in aquatic organisms are also encouraged. Authors are invited and welcome to submit original research papers, reviews, and short communications.

Guest Editors

Dr. Demetrio Raldúa

Dr. Carlos Barata

Dr. Melissa Faria

Deadline for manuscript submissions

closed (31 December 2021)



Toxics

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Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

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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.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).