



Behavioral Impairment in Aquatic Organisms Exposed to Neurotoxic Pollutants

Guest Editors:

Dr. Demetrio Raldúa

Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18, 08034 Barcelona, Spain

drpqam@cid.csic.es

Dr. Carlos Barata

Institute of Environmental Assessment and Water Research (IDAEA-CSIC), Jordi Girona 18, 08034 Barcelona, Spain

carlos.barata@idaea.csic.es

Dr. Melissa Faria

Institute for Environmental Assessment and Water Research (IDAEA-CSIC), Jordi Girona 18, 08034 Barcelona, Spain

meldiografaria@gmail.com

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.

Deadline for manuscript submissions:

31 December 2021

