

Special Issue

Contaminants of Emerging Concern: Analysis and Fate in the Aquatic Environment

Message from the Guest Editor

CECs (contaminants of emerging concern) refer to a wide range of chemical substances, among them pharmaceuticals, personal care products, flame retardants, per- and polyfluoroalkyl substances, sweeteners, disinfection byproducts, and more recently antibiotic resistance genes. The identification of unknown contaminants to provide further selectivity for known analytes is currently one of the hottest areas in analytical and environmental chemistry. Unfortunately, there is limited information concerning the toxicity and environmental fate of these contaminants, and there is potential that they may pose a threat to aquatic and terrestrial ecosystems. The aim of this Special Issue is to cover developments on the analysis of CECs, their occurrence, fate, treatment, and toxicity/risk assessment.

Guest Editor

Dr. Vasilios Sakkas

Department of Chemistry, University of Ioannina, 45110 Ioannina, Greece

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

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of
Münster, Corrensstrasse 48, D-48149 Münster, Germany

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