

Special Issue

Biologically Active Arene Derivatives in the Environment –Risks and Solutions

Message from the Guest Editors

Biologically active compounds are found in the environment, both from natural and anthropogenic sources. Especially the latter may pose a threat to the proper functioning of biocenoses. Researchers are encouraged to submit original research papers as well as review articles. Topics of interest in the special edition include, but are not limited to, the following:

- Environmental threats related to the presence of bioactive arenes in ecosystems;
- Toxicity of bioactive aromatic compounds to living organisms;
- Medicine and veterinary medicine, animal production and disposal of unused or expired drugs as sources of drugs in the environment;
- Environmental effects of pesticides;
- The metagenomics analysis of the ecosystems involved in the bioactive arenes disposal sites;
- Advanced oxidation processes (AOP) as an effective method of removing bioactive arenes;
- Sewage treatment plant (STP) processes for removing bioactive compounds;
- Development of new methods to intensify the degradation of pharmaceuticals;
- Biotransformation and biodegradation of bioactive arenes;
- Analysis of bioproducts from physicochemical and biological conversions of arenes.

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Deadline for manuscript submissions

closed (31 December 2023)



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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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.

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