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Journal of Xenobiotics



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Message from the Editor-in-Chief

The *Journal of Xenobiotics* is devoted to the publication of novel and scientifically sound studies in the field of xenobiotics. The *JoX* promotes the rapid publication of peer-reviewed research articles dealing with either the pharmacological (beneficial) or toxicological (detrimental) properties of foreign compounds in all living beings. This dual approach should provide a more dynamic view on the health effects of xenobiotics of emerging interest in various ecosystems. Studies aimed at synthesizing products or focusing on their release into the environment and understanding the basic/fundamental properties of xenobiotics that enable the development of biomarkers are welcome. Moreover, because organisms are rarely exposed to a single substance in the environment, studies dealing with the resulting toxic properties of complex mixtures, such as industrial or municipal wastewaters, or cocktails of pharmaceuticals threatening various health conditions, are also of value. For example, the interaction of pharmaceutical agents with nutrition status or diets, including herbal therapies, are of interest for the *JoX*. We would like to invite you to contribute to the journal by sending us your high quality research papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

Dr. François Gagné

Aims

The *Journal of Xenobiotics* (ISSN 2039-4713) is an international, peer-reviewed, open access journal. Our aim is to provide an advanced forum for studies related to all aspects of xenobiotics. The journal publishes reviews, regular research papers, and short communications as well as Special Issues on particular subjects. In addition, manuscripts regarding new and innovative research proposals and ideas are particularly welcome.

The aim of the *Journal of Xenobiotics* is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is, therefore, no restriction on the maximum length of the papers, although authors should write their papers in a clear and concise way. The full experimental details should be provided so that the results can be reproduced. Electronic files or software regarding the full details of calculations and experimental procedure can be submitted as supplementary material, if it is not possible to publish them along with the text.

Scope

- Xenobiotics: any chemicals of foreign (unnatural) composition or concentration. For example, caffeine is natural but found at unusually high concentrations in unexpected environments (river water contaminated by wastewater). Many pharmaceuticals are synthesized compounds not usually found in nature (carbamazepine, fluoxetine, etc.). Products derived from nanotechnology or microelectronics are another example.
- Xenobiotic toxins
- Xenobiotic pharmacology
- Environmental xenobiotics
- Endocrine disruptors
- Oxidative stress
- Antibiotics
- Biomarkers
- Nanoparticles
- Microplastics
- Pesticides
- Herbicides

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A first decision is provided to authors approximately 28 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the second half of 2024)

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