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Cellular, Molecular and Genetic Toxicity of Endocrine Disruptors

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Endocrine disruptors comprise a large spectrum of xenobiotics, ranging from medicinal chemicals to various industrial and environmental compounds. To date, the endocrine-disrupting effects of these compounds have been relatively sufficiently studied, but other endpoints, such as cellular, molecular and genetic toxicity via activated nuclear receptors and the modulated expression of biotransformation enzymes are not fully understood. Further investigation is highly required regarding the toxic effects of endocrine disruptors via their interaction with intracellular macromolecule targets in various experimental models, including but not limited to cell cultures, intact animal models (preferentially relevant transgenic animals), and human subjects.

This Special Issue focuses on nuclear receptors and their downstream protein-mediated toxic effects in various biologic systems (i.e., experimental models), which will be helpful for comprehensively understanding the toxicity of endocrine disruptors.

In this Special Issue, original research articles, literature reviews, and short communications are all welcome.



mdpi.com/si/137473

Special Issue



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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.

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