

Special Issue

Exposure to Endocrine Disruptors and Risk of Metabolic Diseases

Message from the Guest Editors

Endocrine-disrupting chemicals (EDCs) are chemical substances that have the potential to disrupt hormone production or activity. These chemicals range from dioxins to polychlorinated biphenyls, specific pesticides, and pharmaceuticals, as well as plasticizers, such as bisphenols and phthalates. So far, the endocrine-disrupting effects of these compounds have been studied to a certain degree. They are relevant in metabolic diseases, but their metabolism toxicity is not yet fully understood. Further investigation is required into the metabolic disrupting effects of endocrinal disruptors via interacting with intracellular macromolecular targets, such as peroxisome proliferator-activated receptors, liver x-activated receptors, and pregnane X receptors, in various experimental models, including, but not limited to, cell cultures, intact animal models (preferably using relevant transgenic animals), and human subjects. This Special Issue will focus on metabolic disrupting effects and underlying mechanisms in various biologic systems (experimental models), which will allow us to more comprehensively understand the metabolic disrupting effects of endocrinal disruptors.

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About the Journal

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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