

Special Issue

Environmental Toxicology – Toxic Effects, Mechanisms, and Risk Assessment of Endocrine Disrupting Chemicals

Message from the Guest Editors

This Special Issue will describe the toxic effects, mechanisms, and risk assessment of endocrine-disrupting chemicals that have been detected in the environment recently. Endocrine-disrupting chemicals such as bisphenol A and its alternatives, flame retardants, perfluoroalkyl acids, pharmaceuticals, phthalates, and others have been frequently detected in the environment and biota. However, there is only limited information available on their toxicological effects and risk assessment. To fill these knowledge gaps, this Special Issue aims to include a range of topics with the goal of linking toxic effects and underlying mechanisms for various endocrine-disrupting chemicals and approaches critical to support risk assessment and management. Manuscripts will be considered in areas such as:

- Hazard characterization of endocrine disrupting chemicals;
- Toxic effects of individual chemicals or mixtures at different organizational levels;
- Investigations of the toxicological mechanism of endocrine disrupting chemicals;
- New strategies in risk assessment of endocrine disrupting chemicals including in vivo, in vitro, and in silico methods.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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