

Special Issue

Mechanisms and Effects of Endocrine Disruptors and Environmental Contaminants on Cardiovascular Health

Message from the Guest Editor

Human exposure to emerging contaminants with the action of endocrine-disrupting compounds (EDCs) is a major of concern. Despite efforts by the scientific community, their toxic effects on human cardiovascular health remain largely unknown. Their modes of action involve EATS modalities (estrogenic, androgenic, steroidogenic, and thyroid) as well as non-EATS modalities, capable of triggering adverse outcomes (AOs). Clarifying the mechanisms by which EDCs affect cardiovascular health is crucial for effective risk assessment. The adverse outcome pathway (AOP) framework helps identify key events leading to AOs, while New Approach Methodologies (NAMs) provide innovative tools for this assessment. According to the one health approach, the interconnectedness of human, animal and environmental health highlights the need for integrated strategies to mitigate the impact of these emerging contaminants. In this sense, in this Special Issue, we invite you to provide updated insights on this topic. Reviews and research articles that aim to clarify the molecular and cellular mechanisms underlying the cardiovascular toxicity effects induced by EDCs are welcome.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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