

Special Issue

Molecular Advances in Endocrine Toxicity

Message from the Guest Editor

Endocrine toxicity presents a major risk for growth retardation, suppressed development, infertility, altered blood pressure, altered ion concentrations, and other substances in the blood and even behavior. This toxicity involves interference in the synthesis, secretion, transport, metabolism, and binding action necessary for the maintenance of homeostasis. Such interference ultimately results in loss of normal tissue function, development, growth, or reproduction. Unregulated factors that contribute to congenital disorders and autoimmune response contribute to altering endocrine milieu and the onset of diseases such as cancer, metabolic disorders, and infertility. Therefore, unraveling the underlying causes of endocrine toxicity is critical to improving disease burden. In this Special Issue, we will discuss the role of environmental pollutants/endocrine disruptors in the mechanisms associated with the generation of oxidative stress and their role in metabolic dysregulation and inflammation. Further, we will describe the potential interventions that target specific oxidative stress and metabolic pathways that can restore homeostasis.

Guest Editor

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Message from the Editor-in-Chief

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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