



Molecular Advances in Endocrine Toxicity

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 July 2023)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Anthony Archibong





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Message from the Editor-in-Chief

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