

## Special Issue

# Effects of Chemical Exposure on Endocrine and Reproductive Functions

### Message from the Guest Editors

Dear Colleague, Endocrine-disrupting chemicals (EDCs) have been implicated as the cause of several disorders, both in the reproductive sphere and in endocrine aspects such as metabolic regulation. Today, the recognized drop in fertility of the male population and the increasing incidence of female reproductive pathologies, such as polycystic ovary syndrome, has been associated with exposure to endocrine disruptors that affect individuals from conception and pregnancy to puberty and throughout adulthood as well. Furthermore, the increased incidence of metabolic disorders, such as obesity and diabetes, may also be associated with exposure to these agents. For example, these compounds may interfere with the normal mechanisms for regulating glycemic homeostasis or producing hormones that regulate basal metabolism. Therefore, this Special Issue aims to explore the association between exposure to EDCs and the possible development of endocrinopathies. We will accept submissions of reviews, basic sciences, and clinical studies.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2025)



## Metabolites

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## About the Journal

### Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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### Editor-in-Chief

Dr. Amedeo Lonardo

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).