

Special Issue

Endocrine Disruptors, Nutritional Modulators and Metabolic Pathways in PCOS: From Exposure to Intervention

Message from the Guest Editors

This Special Issue will explore how exposure to endocrine-disrupting chemicals (EDCs) influences metabolic dysregulation in polycystic ovary syndrome (PCOS) and how nutritional strategies or bioactive compounds may counteract these effects. This Special Issue welcomes original research and reviews that integrate metabolomics, environmental exposure assessments, genetic susceptibility, and dietary interventions. Suggested topics include, but are not limited to, the following:

- Metabolomic profiling of EDC-exposed individuals with PCOS;
- Molecular pathways disrupted by EDCs in metabolic and reproductive tissues;
- Nutrients or bioactives with protective or modulatory effects;
- Gene-environment-diet interactions in PCOS pathophysiology;
- In vitro, in vivo, or clinical intervention studies.

Guest Editors

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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.

Editor-in-Chief

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).