

Special Issue

Sex and Gender Differences in Metabolism

Message from the Guest Editors

Sex differences affect physiology and several diseases and are organ- and parameter-specific, also influencing the metabolism and homeostasis of amino acids, fatty acids, sugars which levels are linked to the onset of diseases. The comprehension of the mechanisms under differences related to sex is therefore very relevant in the medical, pharmacological, and dietary perspective. Thus, the use of metabolite profiles in tissues represents a powerful approach to examine the intermediary metabolism and evidence for any sex differences. The special issue will be devoted to Sex and Gender Differences in Metabolism. It will contain up-to-date review articles, plus original research, concerning any aspect of molecular mechanism, to provide a state-of-the-art overview of this fast moving area.

Guest Editors

Dr. Ilaria Campesi

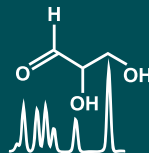
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About the Journal

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

Dr. Amedeo Lonardo

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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).