

Special Issue

Metabolomics Modelling

Message from the Guest Editor

This Special Issue will focus on experimental and computational advances in the analysis of metabolic flux; modelling of metabolite regulation of protein activity and expression; metabolic processes analysis and modelling; quantitative metabolomics application in metabolism modelling; computational modelling of metabolic networks; computational analysis of the effects of genetic and nutritional modification on cell metabolism and growth. Our goal is to combine in one issue diverse examples of the application of modelling in the analysis of metabolic processes, pathways and networks, as well as their regulation.

Guest Editor

Dr. Miroslava Cuperlovic-Culf

National Research Council Canada, 1200 Montreal Road, M-50 Room 353, Ottawa, ON K1A 0R6, Canada

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Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

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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

Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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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).