

# Special Issue

## Metabolome and Fluxomics

### Message from the Guest Editor

It is my pleasure to invite you to contribute to this Special Issue on metabolomics and fluxomics, with a special focus on energetic pathways and secondary metabolism. The main interest of the issue is related to the pathway's controlling steps. For enzymes, it is crucial to know methods to analyze the activity of controlling enzymes, and their kinetic parameters (including maximal velocity, which is related to fluxomic of the complete metabolic pathway). Nevertheless, controlling steps include not only enzymes, but also transporters and receptors. Considering that controlling steps regulate metabolic pathways, inhibitors of those enzymes would reduce the flux of the step and therefore flux in the complete pathway. You are welcome to share your recent results in this monographic issue.

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### Guest Editor

Prof. Josep J. Centelles

Departament de Bioquímica I Biomedicina Molecular, Facultat de Biologia, Universitat de Barcelona, Avda. Diagonal 643, 08028-Barcelona, Catalonia, Spain

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### Deadline for manuscript submissions

closed (31 December 2020)



## 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  
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-  
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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).