

## Special Issue

# Advancing Metabolite Biomarkers in Neurodegenerative Disease: Discovery, Integration, and Therapeutic Potential

### Message from the Guest Editor

This Special Issue welcomes submissions exploring all facets of metabolomic biomarker research in neurodegenerative diseases. We encourage a broad range of contributions, including but not limited to the following:

- Discovery of novel metabolite biomarkers of neurodegeneration.
- New insights into established metabolic biomarkers of neurodegeneration.
- Methodological advances in metabolomic data collection, integration, and analysis.
- Applications of machine learning and/or bioinformatics in metabolomic biomarker discovery.
- Translational studies leveraging metabolomic biomarkers for therapeutic development or precision medicine.
- Cross-disciplinary approaches integrating metabolomics with other omics data to address critical challenges in neurodegeneration research.

By welcoming a wide variety of studies, we aim to capture the diversity and innovation in this important and dynamic field.

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### Guest Editor

Dr. Robert Logan

Ginger Judge Science Center, Biology & Biotechnology Department,  
School of Science and Technology, Endicott College, Beverly, MA, USA

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### Deadline for manuscript submissions

closed (31 December 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  
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-  
Universitaria, 41126 Modena, Italy

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

#### Rapid Publication:

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).