

Special Issue

The Comorbidity of Neurodegenerative and Metabolic Diseases

Message from the Guest Editors

Neurodegenerative diseases represent a broad group of incurable and debilitating illnesses that negatively impact the functioning of neurons in the brain or in the peripheral nervous system. Alzheimer's disease and other dementias, Parkinson's disease with Parkinson's disease-related disorders, Huntington's disease, or major depressive disorder compromise the conditions that are most frequently diagnosed. Globally, neurodegenerative diseases impact the quality of life of millions of people, affecting not only patients but also their families. Even though the elderly population is a group that is at risk, young adults can also suffer from these medical conditions. There are several different environmental and genetic factors that can promote the development of neurodegenerative diseases; however, sometimes, their cause remains unknown. Metabolic disturbances may affect the development of neurodegenerative diseases, though the molecular mechanisms via which the dysregulation of, for example, glucose or lipid homeostasis exerts a noxious effect on the brain remain poorly understood.

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Deadline for manuscript submissions

closed (31 May 2025)



Metabolites

an Open Access Journal
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Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/206921

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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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