Special Issue

Brain Metabolic Alterations in Neurodegenerative Diseases

Message from the Guest Editors

We are excited to announce a forthcoming Special Issue of *Metabolites*, entitled "Brain Metabolic Alterations in Neurodegenerative Diseases". Brain metabolic alterations are a common feature in neurodegenerative diseases, encompassing disrupted glucose metabolism, mitochondrial dysfunction, and neuroinflammation—all culminating in metabolic stress, which contributes to the progression and severity of these conditions. This issue will explore the intricate connections between hypometabolism, mitochondrial dysfunction, and metabolic changes in the context of neurodegenerative diseases. Understanding the complex relationship between metabolism and neurodegeneration is essential for the development of novel therapeutic interventions aimed at slowing or altering the course of these devastating disorders. Notably, this Special Issue welcomes the submission of not only basic research but also clinical studies, promoting a comprehensive exploration of this critical subject. Also, we aim to present cutting-edge reviews and original research articles that investigate the progression of metabolic alterations potentially implicated in neurodegenerative diseases.

Guest Editors

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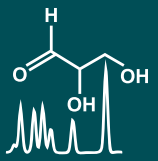

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About the Journal

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

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