

Special Issue

Research Progress on Metabolic Pathways in Neurodegenerative Diseases

Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue of *Biology*, entitled "Research Progress on Metabolic Pathways in Neurodegenerative Diseases." This Issue will bring together novel research and critical reviews that explore the metabolic mechanisms driving neurodegeneration. This Special Issue aims to present recent advances in understanding the metabolic underpinnings of neurodegenerative diseases. The focus is in line with the journal's interdisciplinary scope, emphasizing translational neuroscience, molecular mechanisms, and disease-modifying strategies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Mitochondrial dysfunction in neurodegeneration
- Glucose and lipid metabolism in the aging brain
- Oxidative stress and redox imbalance
- Autophagy and proteostasis in neuronal metabolism
- Inflammation-metabolism crosstalk
- Biomarkers of metabolic dysregulation

I look forward to receiving your contributions.

Guest Editor

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About the Journal

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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