

Special Issue

Biomarkers in Neurodegenerative Diseases: Advancements and Future Directions

Message from the Guest Editor

Neurodegenerative diseases, including Alzheimer's disease, Parkinson's disease, and other causes of cognitive decline, such as frontotemporal lobar degeneration, represent a growing global health challenge. This Special Issue invites submissions focused on the identification, validation, and clinical application of biomarkers for neurodegenerative diseases. We welcome research exploring diverse biomarker types, including fluid biomarkers (CSF, blood), imaging techniques (MRI, PET), genetic markers, and other innovative approaches, such as digital biomarkers and machine learning-based diagnostics. Papers highlighting the transition from research to clinical implementation, novel discoveries, and the challenges of standardization are encouraged. This Special Issue aims to collate cutting-edge studies that foster a deeper understanding of neurodegeneration and advance the development of biomarkers that can significantly impact patient care and therapeutic strategies. Researchers are invited to submit original articles, reviews, and perspectives related to this critical and rapidly evolving field.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2026)



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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

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