

Special Issue

Biochemical Biomarkers and Neurodegenerative Diseases

Message from the Guest Editor

Neurodegenerative diseases (ND) are a heterogeneous group of disorders characterized by the progressive dysfunction and loss of neurons in different areas of the central nervous system or peripheral nervous system. ND, including Alzheimer's disease (AD), Parkinson's disease (PD), and motor neuron disease (MND), represent a big challenge for scientific research due to their prevalence, cost, basic pathophysiological mechanisms, and lack of mechanism-based treatments. The diagnosis, prognosis, and monitoring of such disorders is complex and relies mainly on clinical criteria. In previous decades, biochemical markers, including cerebrospinal fluid (CSF) biomarkers and imaging techniques, such as positron emission tomography (PET) to evaluate brain metabolism, have emerged as promising tools for use in the field of ND. The aim of the current Special Issue is to present the latest research on the role of biochemical markers in the field of neurodegenerative diseases. Authors are invited to submit relevant original research articles and review papers.

Guest Editor

Prof. Dr. Marcello Ciaccio

Department of Biomedicine, Neurosciences and Advanced Diagnostics, Institute of Clinical Biochemistry, Clinical Molecular Medicine and Laboratory Medicine, University of Palermo, Palermo, Italy

Deadline for manuscript submissions

closed (15 February 2021)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/53090

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

[mdpi.com/journal/](https://mdpi.com/journal/brainsci)
[brainsci](https://mdpi.com/journal/brainsci)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)



About the Journal

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

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.