



Biomarkers and Molecular Methodologies in Neurodegenerative Diseases Diagnostic

Guest Editors:

Dr. Matthias Schmitz

Department of Neurology,
University Medicine Goettingen,
Göttingen, Germany

Dr. Anna Villar-Piqué

Bellvitge Biomedical Research
Institute (IDIBELL), Barcelona,
Spain

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

Neurodegenerative diseases (NDs) are characterized by a progressive deterioration of the nervous system causing psychiatric and motor disfunctions. There is no treatment that can cure or effectively revert the symptoms of NDs. A major challenge in the field is the differential diagnosis of NDs at the time of disease onset, especially for those disorders characterized by psychiatric symptomatology. The wide clinical overlap among some NDs, the heterogeneity of their clinical presentation, the difficulty of cognitive evaluation, and the inaccuracy of most biochemical tests preclude or delay the achievement of a definite diagnosis, particularly in the absence of genetic mutations.

This Special Issue will provide a comprehensive update on the latest findings regarding biomarkers and molecular methodologies targeted to improve the diagnosis of NDs. The focus will be on the clinical application of protein biomarkers for diagnosis, prognosis, and treatment prediction. Original research papers and review articles that describe advances in biomarker accuracy and molecular methodologies targeted to improve the diagnostics of NDs are welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI