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 phychiatric symptmatology. The wide clinical overlap among some NDs, the heterogenity of their clinical presentation, the difficulty of cognitive evaluation, and the inacurracy 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.

mdpi.com/si/59241

Special Issue

Editor-in-Chief

Prof. Dr. Maurizio Battino
Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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 (Inorganic Chemistry)

Contact Us