

Special Issue

Biostatistics in Brain Diseases - Future Approaches

Message from the Guest Editors

Brain diseases such as stroke, as well as neuropsychiatric diseases, are major causes of disability, death and social exclusion worldwide. Novel approaches using previously used health assessment methods based on objective measurable indicators: neuroradiological, genetic, biochemical or immunological, may lead to a better understanding of the health status and reduce the long-term disability of patients in these brain diseases. Biostatistical analyses can provide a basis for the appropriate use of applied research tools or the identification of the most effective combinations of measurement methods used in these diseases.

Therefore, this special issue aims to present a novel approach using biostatistical analyses in the selection of applied methods for the assessment of health status in common brain diseases, based on objective measurable indicators: neuroradiological, genetic, biochemical or immunological, thanks to which we can better understand the state of health and the progress that has been made in understanding the mechanisms, diagnosis and treatment of diseases, i.e. stroke or selected neuropsychiatric diseases.

Guest Editors

Prof. Dr. Fabio Pilato

Neurology, Neurophysiology and Neurobiology Unit, Department of Medicine, Università Campus Bio-Medico di Roma, 00128 Rome, Italy

Dr. Wirginia Krzyściak

Department of Medical Diagnostics, Medical College, Jagiellonian University, 31-688 Kraków, Poland

Deadline for manuscript submissions

closed (20 October 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/157549

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

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.

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

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)