Special Issue

The Evolving Role of EEG in Neurological Disorders: Advanced Techniques and Future Directions

Message from the Guest Editors

We invite you to submit your research work to our Special Issue, entitled "The Evolving Role of EEG in Neurological Disorders: Advanced Techniques and Future Directions". While conventional EEG remains a pillar in clinical neurology, this Special Issue aims to explore and present the significant evolution of EEG methodologies and their growing impact on the diagnosis and treatment of neurological disorders. This Special Issue will primarily focus on the introduction of high-density EEG (HD-EEG) to investigate neurological dysfunction in clinical practice. Original research articles and comprehensive reviews that deepen the clinical applications of advanced EEG in specific neurological disorders (e.g., epilepsy, Alzheimer's disease, Parkinson's, stroke, and sleep disorders) are welcome

Parkinson's, stroke, and sleep disorders) are welcome as contributions. For more information, please visit the Special Issue Website:

https://www.mdpi.com/journal/neurolint/special_issues/ CIY7N29Q7I

Guest Editors

Dr. Angelica Quercia Clinical Neurophysiology Research Unit, IRCCS, Oasi Research Institute, 94018 Troina, Italy

Dr. Irene Aricò Sleep Medicine Center, University Hospital "G. Martino", Messina, Italy

Deadline for manuscript submissions

31 January 2026



Neurology International

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 4.8 Indexed in PubMed



mdpi.com/si/246543

Neurology International Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 neurolint@mdpi.com

mdpi.com/journal/ neurolint





Neurology International

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 4.8 Indexed in PubMed



neurolint

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Junji Yamauchi

 Laboratory of Molecular Neurology, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan
Department of Pharmacology, National Research Institute for Child

Health and Development, Tokyo, Japan

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank:

JCR - Q2 (Clinical Neurology)

