



Neurophysiology and Genetics of Neurological Diseases

Guest Editor:

Dr. Vasileios Papaliagkas

Associate Professor of
Physiology, Department of
Biomedical Sciences, School of
Health Sciences, International
Hellenic University, 57400
Thessaloniki, Greece

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editor

Dear Colleagues,

The diagnosis of neurological diseases is one of the most difficult challenges for medical professionals due to the complexity of the nervous system. Currently, more than 600 diseases have been identified including neurodegenerative diseases such as Alzheimer's disease and Parkinson's disease, cerebrovascular diseases, and others such as multiple sclerosis, migraine, neuroinfections, and neuromuscular diseases. According to a World Health Organisation report, nervous system diseases affect up to one billion people worldwide. Neurological diseases include those caused by single gene abnormalities, such as Huntington's disease, spinocerebellar degeneration, and muscular dystrophy, and multifactorial diseases such as Alzheimer's disease, Parkinson's disease, and amyotrophic lateral sclerosis (ALS).

In this Special Issue of "Neurophysiology and Genetics of Neurological Diseases", we invite investigators to contribute original research, review articles, or case reports focusing on the role of neurophysiology and genetics in the diagnosis and treatment of neurological diseases.

Dr. Vasileios Papaliagkas

Guest Editor





an Open Access Journal by MDPI

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

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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