

Special Issue

Gene Therapy in Neuropathy

Message from the Guest Editor

Treatment of neurogenetic diseases has been supportive and symptomatic with various clinical signs including muscle weakness, slowing of nerve conduction velocities, shaking, developmental delay, and hypotonia. Recent discoveries of molecular mechanisms responsible for the development of these diseases have led to promising new therapies. Gene therapy approaches have been developed in recent decades; nevertheless, there are still some limitations to their extensive use in the clinic. Emerging therapies include the use of viral and nonviral approaches and different routes of administration for gene addition, silencing, replacement, modification, or repair, aiming for phenotypic improvement. In this Special Issue of the *International Journal of Molecular Sciences*, we will provide an overview of the different gene therapy strategies developed for central and peripheral nervous system neuropathies. Limitations as well as further steps for clinical applications will be discussed in this Special Issue.

Guest Editor

Dr. Alexia Kagiava

The Cyprus Institute of Neurology and Genetics, Ayios Dometios, Nicosia 2371, Cyprus

Deadline for manuscript submissions

closed (20 November 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/165005

*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)