



genes



an Open Access Journal by MDPI

Molecular Genetics of Neurodegenerative Diseases and Neuromuscular Diseases

Guest Editors:

Dr. Emiliano Giardina

1. Genomic Medicine Laboratory
UILDM, Santa Lucia Foundation,
00142 Rome, Italy
2. Forensic Genetics Laboratory,
Department of Biomedicine and
Prevention, Tor Vergata
University, 00133 Rome, Italy

Dr. Stefania Zampatti

Genomic Medicine Laboratory
UILDM, IRCCS Fondazione Santa
Lucia, 00142 Rome, Italy

Deadline for manuscript
submissions:

20 September 2024

Message from the Guest Editors

Technological advances in molecular genetics have allowed the development of new diagnostic protocols. In recent decades, the time needed for the diagnosis of neurodegenerative and neuromuscular diseases has been significantly reduced with the introduction in clinical practice of high-resolution neuroimaging and next-generation sequencing. To date, the availability of new technologies for molecular, clinical, and instrumental characterization of disorders makes it possible to perform phenotype stratification for research and diagnostic purposes. The discovery of new molecular causes of these disorders is crucial to improve diagnosis and genotype–phenotype correlation as well as provide indications for therapeutical interventions. In the present scenario, patients affected by neurodegenerative and neuromuscular disease can now benefit from new-generation technologies that should significantly reduce the diagnostic odyssey. Furthermore, the phenotype stratification of diseases supports the development of new treatments and therapies.

In this Special Issue, we welcome reviews and original articles covering many aspects of neurodegenerative and neuromuscular disorders.



mdpi.com/si/160847

Special Issue



genes



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

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, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank: JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us

Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)