Special Issue

Genetics of Neuromuscular and Metabolic Diseases

Message from the Guest Editors

Genetic diseases affecting neuromuscular function and/or metabolism are particularly devastating, as they can emerge at any life stage—with many presenting early in childhood. Most of these conditions are rare or ultra-rare, under-researched, and lack effective treatments, often leading to poor prognoses.

This Special Issue focuses on genetic studies of such diseases and multidisciplinary approaches in their genetic models. It aims to highlight diverse genetic and omic strategies to expand basic knowledge while promoting translational research to elucidate disease mechanisms, identify therapeutic targets, and advance novel therapies.

Example topics include (but are not limited to): neurogenetics research; mitochondrial or glycolytic disorders; genetic and omic studies of metabolic/neuromuscular diseases; rare disease model development; mechanistic investigations of rare/ultra-rare genetic diseases; studies of neurologic and neuromuscular disorders; and gene/genetic therapy development for rare diseases.

We welcome both review articles and original research related to neuromuscular and metabolic genetic diseases.

Guest Editors

Prof. Dr. Micheal Palladino

Department of Pharmacology & Chemical Biology, University of Pittsburgh, Pittsburgh, PA 15260, USA

Dr. Claudia Ricci

Department of Medical, Surgical and Neurological Sciences, University of Siena, 53100 Siena, Italy

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

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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?

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

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