

Special Issue

Molecular Mechanisms in Lysosomal Storage Diseases: From Pathogenesis to Therapeutic Strategies

Message from the Guest Editors

This Special Issue is devoted to publishing results on any features of LSDs, including basic research on molecular mechanisms of LSDs, translational studies on novel therapies, and clinical investigations. Review articles on all these aspects are also welcome, as well as any study including the relationship between LSDs and more common neurodegenerative diseases such as Alzheimer's or Parkinson's. This Special Issue will provide a comprehensive view of the molecular aspects of various LSDs. We aim to provide a comprehensive update on LSDs and their pathomechanisms and therapeutic strategies. It comprehensively covers many areas in the LSDs field and could be of interest to a broad range of readers including physicians, scientists, students, pharmaceutical companies, and LSDs communities.

Guest Editors

Dr. Luigi Michele Pavone

Department Molecular Medicines and Medical Biotechnology,
University of Naples Federico II, Via S Pansini 5, I-80131 Naples, Italy

Dr. Valeria De Pasquale

Department of Veterinary Medicine and Animal Production, University
of Naples Federico II, Unina, Italy

Deadline for manuscript submissions

closed (15 February 2022)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/54051

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

[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)





Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)



About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPLus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).