

Special Issue

Recent Advance of Pulmonary Vascular Functions and Mechanisms in Biology and Disease, 2nd Edition

Message from the Guest Editor

The pulmonary vasculature is composed of many different types of cells including smooth muscle, endothelial, fibroblast, pericyte, inflammatory, stem, progenitor, other cells. Each type of cell may play a unique important functional role in pulmonary vascular biology and diseases. The roles of each type of cell are likely to be mediated by one or multiple molecules and their associated signaling pathways. Evidently, *significant progress* has been made in this research field. As a result, it is necessary to offer widespread and comprehensive recent advances in the studies of pulmonary vascular functions and mechanisms in biology and disease. These valuable advances may not only enhance current basic, translational and clinical research, but also promote the identification of new drug targets and therapies.

Guest Editor

Dr. Yongxiao Wang

Department of Molecular and Cellular Physiology, Albany Medical College, Albany, NY, USA

Deadline for manuscript submissions

31 March 2025



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/218900

Biomedicines
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 5.2
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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.3 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2024).