

Special Issue

Pulmonary Hypertension: Pre-clinical Research on New Molecular Targets and Therapeutic Strategies

Message from the Guest Editor

Pulmonary hypertension is a disorder with a complex pathophysiology that can be associated with multiple conditions, including primary vascular disease, heart failure, interstitial lung disease, thromboembolic disease, or other multifactorial or unknown causes. While an earlier diagnosis and combinational therapies promote a better prognosis, it is still associated with a worse quality of life and survival. In recent years, significant efforts, including the description of new signalling pathways and genetic mutations associated with the disease, the development of new animal models, and new therapeutic interventions, have resulted in generating a better understanding of the disease. Despite that, new efficacious treatments are still being developed, specifically ones that can halt disease progression and the deadly development of right ventricular failure. In this Special Issue, we aim to highlight basic and translational research that can move the field of PH forward, by describing new pathways to be targeted, defining new therapeutic strategies, creating new animal models, or better characterizing the disease both at pulmonary and cardiac levels.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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.

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