

## Special Issue

# Pulmonary Hypertension: From Molecular Pathophysiology to New Therapeutic Approaches

### Message from the Guest Editor

This special issue, "Pulmonary Hypertension: From Molecular Pathophysiology to New Therapeutic Approaches", invites contributions that explore the disease from its molecular roots to innovative treatment strategies. We particularly encourage research focused on molecular-level mechanisms such as endothelial dysfunction, smooth muscle proliferation, inflammation, and metabolic alterations. Emerging technologies in genomics, proteomics, and single-cell analysis are shedding new light on the cellular and molecular dynamics of the pulmonary vasculature, offering promising avenues for discovery. In addition to basic science, we welcome translational and clinical studies that propose novel therapeutic approaches. These may include pharmacologic agents targeting specific signaling pathways, gene- and cell-based therapies, and strategies that personalize treatment based on molecular profiling. Contributions addressing early diagnosis, risk stratification, and biomarkers are also of high interest.

### Guest Editor

Dr. Claudia Mickael

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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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