

Special Issue

Pathophysiology and Treatment of Pulmonary Arterial Hypertension

Message from the Guest Editor

Pulmonary arterial hypertension is a rare and devastating condition, characterized by the remodeling and the obstruction of pulmonary microvessels and resulting in increased pulmonary vascular resistance, elevated pulmonary arterial pressures, and right ventricular failure. When PAH occurs in a hereditary context, germline mutations in various genes have been identified. The pathophysiological process of PAH is an intricate process that involves vasoconstriction, vascular remodeling, endothelial dysfunction, inflammation, and thrombosis. This Special Issue aims to provide comprehensible knowledge regarding recently identified mechanisms of the cellular pathogenesis of pulmonary arterial hypertension, which could open future and innovative treatment options and strategies.

Guest Editor

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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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