

Special Issue

Therapeutic Resolution of Pulmonary Arterial Hypertension

Message from the Guest Editor

Pulmonary Arterial Hypertension (PAH) is a devastating cardiovascular disorder caused by the narrowing of blood vessels in the lungs and, in the absence of therapy, leads to right heart failure and premature death. The genetic architecture of PAH has been explored over the last twenty years, identifying a number of genes and highlighting the involvement of numerous pathways and risk factors for exploration. There is no cure for this disorder. Current management therapies for PAH are very costly and aim to improve symptoms. Hence, there is a need to identify novel therapeutic interventions. This Special Issue of *BioChem* will pay attention to the recent advances in PAH research. Topics include, but are not limited to:

- Molecular genetic basis of PAH
- The role of epigenetics in the pathogenesis of PAH
- Repurposing established drugs for the resolution of PAH
- Therapeutic resolution of PAH using natural products
- Current treatments of PAH and their limitations
- The prospects of biologics for the treatment of PAH
- Resolution of PAH using small molecule agents and gene therapy

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The advances of biological science have fundamentally changed our world and our understanding of human beings. All the progress, from a simple biochemical reaction to systems biology, has come from interdisciplinary interactions in a variety of scientific fields. This is especially true and important for the current and future study of a broad range of biochem topics, the core of biological science.

Editor-in-Chief

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