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Molecular Research on Pulmonary Hypertension

Guest Editor:

Prof. Dr. Sébastien Bonnet
Pulmonary Hypertension Research Group, Centre de Recherche de l'Institut Universitaire de Cardiologie et de Pneumologie de Québec, Université Laval, Québec City, QC G1V 4G5, Canada

Deadline for manuscript submissions:
closed (31 October 2018)

Message from the Guest Editor

Dear Colleagues,

Pulmonary arterial hypertension (PAH) is a chronic and incurable disease characterized by a progressive increase of arterial blood pressure in the lungs. Endothelial cells (ECs) dysfunction and aberrant proliferation of pulmonary arterial smooth muscle cells (PASMCs) and fibroblasts contribute to a progressive obliteration of the precapillary vessels that leads to increased pulmonary arterial pressure and ultimately, right heart failure and death. This Special Issue focuses on molecular mechanisms contributing to endothelial dysfunction, vascular remodelling in the lungs as well as the systemic adverse effects seen in PAH including skeletal muscle and right heart dysfunctions. We warmly welcome submissions, including original papers and reviews, on this widely discussed topic.

Prof. Dr. Sébastien Bonnet
Guest Editor

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Editor-in-Chief

Prof. Dr. Maurizio Battino
Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

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International Journal of Molecular Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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