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Molecular Research on Pulmonary Hypertension: Focus on the Microbiome and Inflammation

Guest Editor:

Dr. Lan Zhao

1. Department of Medicine,
Division of Pulmonary, Allergy
and Critical Care Medicine,
Stanford University, Stanford, CA
94305, USA

2. Vera Moulton Wall Center for
Pulmonary Vascular Disease,
Stanford University, Stanford, CA
94305, USA

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Message from the Guest Editor

Pulmonary arterial hypertension (PAH) is a life-threatening condition characterized by vascular remodeling and dysfunction in the lungs.

Recent culture-free microbiome studies based on high-throughput sequencing and functional metabolomics have and will continue to provide insights into the relationship between microbiome and PAH. Moreover, specific microbial biomarkers have been shown to have promising diagnostic and therapeutic benefits in patients with PAH. The Special Issue invites contributions investigating the molecular mechanisms involving the microbiome in PAH vascular remodeling and disease progression, as well as respiratory and cardiac dysfunctions associated with chronic hypoxia and inflammation. Both original experimental and clinical research and review papers are welcome.



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Special Issue



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Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
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Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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