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Advanced Research in Pulmonary Pathophysiology

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Deadline for manuscript
submissions:

28 February 2025

Message from the Guest Editors

Dear Colleagues,

This Special Issue “Advance Research in Pulmonary Pathophysiology” is dedicated to showcasing key areas of research in pulmonary pathophysiology. We aim to offer insights into the latest advancements of and innovative approaches in the spectrum of respiratory diseases, such as airway diseases, including the role of small airway disease in the development, progression and clinical outcomes of these conditions. Additionally, we aim to focus on allergy and its underlying neuroimmune pathways. Our goal is to delve into the role of microbiota in lung diseases, such as in occupational disorders, pulmonary fibrotic diseases, and molecular mechanisms influencing the pathogenesis of these entities. Moreover, we aim to present innovation-based research approaches in the field of lung cancer in order to revolutionize diagnosis and treatment, and among others recognize biomarkers regarding pleural pathophysiology, pulmonary infections, COVID-19, vascular respiratory diseases, sleep medicine, critical care, adult and pediatric medicine by presenting recent research on the changes that occur in normal mechanical, physical, and biochemical functions.



mdpi.com/si/190637

Special Issue



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Message from the Editor-in-Chief

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