

Special Issue

Pulmonary Critical Care: Diagnosis and Treatment of Respiratory System Diseases

Message from the Guest Editor

This Special Issue focuses on cutting-edge advancements and clinical challenges in pulmonary critical care, particularly regarding the diagnosis and treatment of acute and chronic respiratory diseases. With the growing burden of respiratory conditions, innovative diagnostic tools, therapeutic strategies, and critical care management approaches are urgently needed. This Special Issue aims to highlight recent breakthroughs in respiratory medicine, including precision diagnostics, novel pharmacological interventions, and emerging technologies such as AI-assisted imaging and ventilator management. We welcome original research articles and reviews that address key clinical challenges in pulmonary critical care. Topics of interest include, but are not limited to, the following: the early and accurate diagnosis of respiratory failure; the optimization of mechanical ventilation; the management of sepsis-related lung injury; and the long-term outcomes of critical respiratory illnesses. This Special Issue seeks to provide clinicians and researchers with evidence-based insights to improve patient outcomes in respiratory critical care.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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