

Special Issue

Pulmonary and Critical Care Practice in the Pandemic of COVID-19

Message from the Guest Editor

Severe acute respiratory syndrome coronavirus-2 (SAR-CoV-2), which is responsible for the coronavirus disease 2019 (COVID-19), has hit the world as a global pandemic at an unparalleled scale, causing considerable morbidity and mortality. Most people with COVID-19 have only mild or uncomplicated symptoms. However, up to 12% of hospitalized patients can progress to critical illness with acute respiratory distress syndrome (ARDS) requiring invasive mechanical ventilation. The histological features of COVID-19 ARDS are dominated by diffuse alveolar damage, inflammatory cell infiltration, and microvascular thrombosis. Patients with severe COVID-19 present nonspecific hyperinflammatory responses with a markedly elevated number of proinflammatory cytokines and chemokines. This excessive and deleterious host immune response is thought to contribute to multiorgan failure in these patients. The aim of this Special Issue is to present clinical and scientific reports that improve our understanding provide information about treatment approaches to improve the management and outcomes of these critically ill patients with COVID-19. Original and review articles are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (1 September 2023)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/69315

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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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