

## Special Issue

# New Trends and Challenges in Critical Care Management

### Message from the Guest Editor

Over the past decade, significant advancements have been made in the field of critical care, particularly through the integration of innovative technologies that offer new opportunities for patient treatment. Notably, there has been substantial progress in the technology and availability of Extracorporeal Organ Support Systems (ECOSs), including ECMO, blood purification, liver dialysis, and the combined use of various techniques. Technological progress has also driven advancements in ventilation modalities, leading to improved lung-protective strategies. Alongside these technological advancements, new pharmacological therapies and diagnostic methods have emerged. Furthermore, increasing attention is being paid to enhancing patient well-being and comfort during critical care, as well as post-ICU recovery and functioning. In this Special Issue, we focus on exploring the latest opportunities and innovations in the treatment of critically ill patients, along with the emerging challenges that have arisen in recent years. We will also discuss future perspectives and the potential impact of these advancements on critical care practices.

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### Guest Editor

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## Journal of Clinical Medicine

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