



Clinical Advances in Critical Care Medicine

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Message from the Guest Editor

Critical care medicine is one of the most complex and challenging disciplines of medicine. From the recent COVID-19 pandemic and considering the high lethality of the most common diseases encountered in intensive care units such as sepsis and ARDS, critical care medicine continuously seeks better therapeutic strategies aimed at predicting and identifying the occurrence of severe pathological disorders early, better supporting failing organs and systems, accelerating organ recovery, and improving long-term functional outcomes and the quality of life. Accordingly, this Special Issue is calling for original research and systematic reviews that have investigated potential novel aspects of critical care medicine, including the application of artificial intelligence to specific aspects of diagnosis, monitoring and treatment, the need and use of big data derived from large platform databases for epidemiological and therapeutic studies, the sustainability of the critical care system, data on long-term functional organ recovery and outcomes, and any other relevant and novel aspects of specific diseases characterizing critical care medicine, such as sepsis, ARDS, trauma, etc.





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