



Novel Challenges and Advances in Anesthesiology and Critical Care

Guest Editor:

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Deadline for manuscript submissions:

closed (20 January 2024)

Message from the Guest Editor

Anesthesiology and critical care, since their origin have required a personalized approach toward the most vulnerable patients. A plethora of advancements in technology and medicine allowed for their dynamic development and the more comprehensive management of patients within multidisciplinary teams than ever. The global pandemic of the coronavirus disease in 2019 put a major strain on population health and healthcare systems and providers. While the main waves of infections belong to the past, we are still observing its aftermath. Those individual patients who survived SARS-CoV-2 virus infection but are struggling with complications, as well as patients suffering from the advancement of chronic diseases or the development of oncological maladies, contribute to an increased burden during anesthesia and critical care management. Therefore, in this Special Issue, we aim to address current challenges and advancements experienced by anaesthesiologists or intensivists. We encourage the submission of reviews and original articles that address clinical advancements and ongoing challenges and emphasize the direction of the development of modern anaesthesiology and critical care.





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Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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