

Precision Medicine in the Intensive Care Unit

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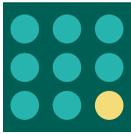
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Message from the Guest Editors

In the last decade, we have made a significant change in the way we treat critically ill patients. The medical scene has shifted into a new era of personalized medicine in which we diagnose, monitor, and treat our patients based not on predefined universal criteria but on an individual basis, looking at specific phenotypes. We now know that the classic “one size fits all” approach is no longer accurate, and critically illnesses are very heterogenous. In this way, the care we provide to our patients has significantly improved and is now focused not on classical syndromes, like ARDS and sepsis, but on advanced diagnostics and the specific molecular mechanisms of disease, and our management aims to rebalance the body’s specific homeostasis. This Special Issue, “Precision Medicine in the Intensive Care Unit”, will address current state-of-the art research on challenges and advances in the field of critical care. We encourage the submission of reviews and original articles that address clinical advances in the development of patient-centered management of the critically ill patient.





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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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