

Special Issue

Multiple Organ Dysfunctions in Perioperative or ICU Critical Illnesses

Message from the Guest Editor

Multiorgan dysfunction has a high incidence in perioperative or ICU critical illnesses. Critical illness has a significantly worse prognosis after ICU or perioperative multiorgan dysfunction. This is a major challenge for global health care. There are limited effective treatment options for organ dysfunction in perioperative or ICU critical illnesses, mainly owing to its unclear pathogenesis and the lack of early-warning biomarkers and early-monitoring tools and interventions. With this Special Issue, we aim to collect data on the mechanisms, early-warning biomarkers, early-monitoring tools and interventions relating to organ dysfunction in perioperative or ICU critical diseases. Authors are welcome to submit reviews, original research and other article types on the following themes: 1. The mechanisms of multiorgan dysfunction in critical disease, such as oxidative stress, inflammatory response, etc.; 2. Early biomarkers for organ dysfunction in critical disease; 3. Monitoring or evaluation measures for organ dysfunction in perioperative or ICU critical disease; 4. Precision treatment strategies for organs undergoing critical diseases.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).