

Special Issue

Novel Challenges and Advances in Anesthesiology and Critical Care

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.

Guest Editor

Dr. Michalina Kołodziejczak

Department of Anesthesiology and Intensive Care, Collegium Medicum Bydgoszcz, Nicolaus Copernicus University Torun, Antoni Jurasz University Hospital No.1, Bydgoszcz, Poland

Deadline for manuscript submissions

closed (20 January 2024)



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/157372

*Journal of Personalized
Medicine*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jpm@mdpi.com

mdpi.com/journal/

jpm





Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/journal/

jpm



About the Journal

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.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory Medicine and Pathobiology, Department of Surgery, University of Toronto, 6 Queens Pk Crescent W.F, Toronto, ON M5S 3H2, Canada

Author Benefits

High Visibility:

indexed within Scopus, PubMed, PMC, Embase, and other databases.

Journal Rank:

CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).