

Special Issue

Pediatric Anesthesia in the Precision and Personalized Era: Safety and Customization

Message from the Guest Editors

Today, pediatric anesthesiology is a highly specialized field with dedicated training programs and researchers focused on improving the safety and effectiveness of anesthesia in children from preclinical emergency medicine and perioperative, in-hospital care to discharge and follow-up investigations. This Special Issue of the *Journal of Personalized Medicine* aims to explore the latest strategies, trends and inventions in pediatric anesthesia that focus on patient safety and tailored treatment solutions. Studies will present training concepts in the area of emergency and clinical treatment, implementation of safety control schemes, pediatric perioperative safety protocols, methods for quality improvement and enhanced patient safety as well as basic science, biomarker analytics, up-to-date monitoring systems and AI-based research customizing treatment and medication safety.

Guest Editors

Dr. Emmanuel Schneck

Department of Anesthesiology, Operative Intensive Care Medicine and Pain Therapy, University Hospital, Justus-Liebig-University, 35392 Giessen, Germany

Dr. Thomas Zajonz

Department of Anesthesiology, Operative Intensive Care Medicine and Pain Therapy, University Hospital, Justus-Liebig-University, 35392 Giessen, Germany

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

[mdpi.com/journal/
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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.

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

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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).