

Special Issue

New Technologies and Personalized Medicine in Gastrointestinal Surgery

Message from the Guest Editor

The field of gastrointestinal surgery is rapidly evolving, fueled by advances in technology and personalized medicine. This book explores how these innovations are transforming the diagnosis, treatment, and management of gastrointestinal diseases. It highlights the integration of robotics, artificial intelligence, and genomic profiling to enhance precision and patient outcomes. Chapters cover minimally invasive techniques, image-guided surgery, advanced biomaterials, and the role of biomarkers, theranostics, and the gut microbiome in tailoring surgical care. Designed for surgeons, researchers, and healthcare professionals, this volume offers a forward-looking perspective on individualized approaches in gastrointestinal surgery.

Guest Editor

Dr. Marco Inama

General and Mininvasive Surgery Department, Pederzoli Hospital, Via Monte Baldo 24, Peschiera del Garda, 37019 Verona, Italy

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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

Author Benefits

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CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

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).