

Special Issue

Artificial Intelligence and Advanced Medical Imaging in Personalized Medicine

Message from the Guest Editors

Advancements in artificial intelligence (AI) and medical imaging are transforming personalized medicine by enabling more precise diagnostics and tailored treatment plans. This Special Issue aims to showcase cutting-edge research on AI-driven methodologies that enhance medical imaging interpretation, with a focus on improving the diagnostic accuracy. We particularly encourage submissions that explore imaging-based radiomics, texture analysis techniques, machine learning, and semi-automated approaches for feature extraction, classification, and predictive modeling. Studies incorporating deep learning algorithms and multimodal imaging analysis are also welcome. We invite contributions that demonstrate the clinical applicability of these methods, bridging the gap between AI research and real-world medical practice.

Guest Editors

Dr. Paul Andrei Ștefan

Department of Radiology, Emergency County Hospital, 400006 Cluj-Napoca, Romania

Dr. Diana Feier

Department of Radiology, Iuliu Hatieganu University of Medicine and Pharmacy, No. 3-5, Clinicilor Street, 400006 Cluj-Napoca, Romania

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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

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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

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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).