

## Special Issue

# Precision Medicine Approaches for Public Health Challenges

### Message from the Guest Editors

Precision medicine is reshaping public health by integrating biomarkers, multi-omics, advanced imaging, and digital tools to tailor prevention and treatment. From early genomics to today's multi-omics and AI-driven models, these approaches have moved from experimental use into guidelines, screening programs, and targeted therapies across many diseases. By moving beyond the one-size-fits-all model, precision medicine enables more accurate risk assessment, diagnostics, and individualized interventions. This Special Issue highlights how personalized diagnostics support risk stratification, guide individualized therapy, and strengthen population-level planning, resource allocation, and efforts to reduce health inequalities. We welcome studies combining molecular profiling, pharmacogenomics, digital health, AI-based decision support, and real-world data to improve early detection, treatment selection, therapeutic monitoring, and long-term follow-up. Original research, implementation studies, methodological papers, and reviews are invited, covering precision approaches for noncommunicable and infectious diseases, mental health, multimorbidity, and One Health contexts.

### Guest Editors

Dr. Jacopo Dolcini

Section of Hygiene, Preventive Medicine and Public Health,  
Department of Biomedical Sciences and Public Health, Polytechnic  
University of the Marche Region, Ancona, Italy

Dr. Manuela Chiavarini

Section of Hygiene, Preventive Medicine, Nursing and Public Health,  
Department of Health Sciences, University of Florence, 50134 Firenze,  
Italy

### Deadline for manuscript submissions

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## Journal of Personalized Medicine

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jpm@mdpi.com](mailto: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.

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### 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).