

Special Issue

Precision Medicine and Cancer Systems Biology: From Drug Screening to Therapeutics

Message from the Guest Editor

The overall goal of this Special Issue is to develop a novel theoretical approach in the context of various cancer types in conjunction with bioinformatics (data analysis), systems biology (mathematical modeling of biological pathways and networks), and computational chemistry (docking and MDS). These approaches will aid in the analysis and comprehension of changes at the transcriptional and translational levels, enriched (inferred) pathways, and (epi)genetic modification and determine the subsets of SMs that are most likely to be the cause of changes by forecasting the dominantly impacted pathways and the crosstalk between them from the sets of inferred pathways.

Guest Editor

Dr. Mohammad Mobashir

1. Department of Biomedical Laboratory Science, Faculty of Natural Sciences, Norwegian University of Science and Technology, NO-7491 Trondheim, Norway
2. Department of Microbiology, Tumor and Cell Biology (MTC) Karolinska Institute, Novels väg 16, Solna, 17165 Stockholm, Sweden
3. SciLifeLab, Department of Oncology and Pathology, Karolinska Institutet, P.O. Box 1031, 17121 Stockholm, Sweden

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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).