

Special Issue

Advances of Precision Medicine in Oncology

Message from the Guest Editors

Precision medicine represents the future for individual diagnostics and therapeutic interventions. Targeted to the molecular basis of cancer, precision oncology uses individual differences to create personalized treatment plans. Hence, it is vital to develop a deep understanding of molecular portraits and advance personalized diagnostics and therapeutic interventions accordingly. This Special Issue focuses on the identification and elucidation of the role of novel biomolecules implicated in cancer progression and the tumor- and metastasis-promoting microenvironment, their clinical applications as cancer biomarkers and the development of novel personalized treatments. We welcome authors to submit papers on malignancies. Submissions should focus on (but are not limited to) the following areas:

- Emerging technologies for cancer biomarker discovery.
- Identification of novel proteins and other biomolecules as cancer biomarkers in diagnostics and the tumour pathways for therapeutics.
- Molecular diagnostic approaches and bioinformatics to guide cancer diagnosis and treatment.
- Clinical applications in precision cancer medicine.
- Circulating tumor cells/DNA in liquid biopsies.

Guest Editors

Dr. Panagiota Filippou

1. School of Health and Life Sciences, Teesside University, Middlesbrough TS1 3BX, UK
2. National Horizons Centre, Teesside University, Darlington DL1 1HG, UK

Dr. Anastasia Constantinidou

1. Medical School, University of Cyprus, Nicosia 1678, Cyprus
2. Bank of Cyprus Oncology Centre, Strovolos 2011, Cyprus
3. Cyprus Cancer Research Institute (CCRI), Nicosia 2116, Cyprus

Deadline for manuscript submissions

closed (25 September 2025)



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/193248

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

mdpi.com/journal/

jpm





Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/journal/

jpm



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

Author Benefits

High Visibility:

indexed within Scopus, PubMed, PMC, Embase, and other databases.

Journal Rank:

CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

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).