Cancer Biomarker Research and Personalized Medicine 2.0

Message from the Guest Editors

Treating individual patients based on specific factors, such as biomarkers, is what differentiates personalized medicine from standard treatment regimens. Although personalized medicine can be applied to almost any branch of medicine, it is perhaps most easily applied to the field of oncology. Cancer is a heterogeneous disease. Through biomarkers, patients could be separated into cohorts with respect to distinctions in disease predisposition, prognosis, and expected response rates to different treatments. There is currently a major drive in oncology to achieve personalized cancer medicine through the identification and use of disease-specific biomarkers. These biomarkers include genes, intracellular or secreted proteins, circulating tumor cells, exosomes, and DNA. This Special Issue aims to describe current developments in biomarker research ranging from in vitro and animal model studies, through to preclinical and clinical validation trails. In doing so, we will describe exciting new tissue- and blood/urine-based biomarker research, highlighting the advantages and potential limitations of incorporating biomarkers into clinical practices.
Editor-in-Chief

Prof. Dr. David Alan Rizzieri
1. Senior Vice President and Director, Novant Health Cancer Institute, Winston-Salem, NC 27103, USA
2. Professor of Medicine Chief, Section of Hematologic Malignancies, Associate Director for Clinical Research, Division of Hematologic Malignancies and Cellular Therapy Duke Cancer Institute, Durham, NC 27710, USA

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.

Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, and other databases.

**Journal Rank:** JCR - Q2 (*Medicine (miscellaneous)*)

Contact Us

*Journal of Personalized Medicine*

MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jpm
jpm@mdpi.com
@JPM_MDPI