

Special Issue

Data Resources and Approaches for Precision Medicine Research: New Developments and Applications

Message from the Guest Editor

Technological developments in omics and informatics over the past ten years have enabled the generation of different data types from biospecimens linked to health, lifestyle, and exposure data extracted from multiple resources ranging from the traditional epidemiologic to the emerging hybrid cohort models offering access to electronic health records. This generates new opportunities for risk stratification in precision medicine research. The aim of this Special Issue is to showcase the development of data resources and statistical methods and their use in precision medicine research. The manuscript topics we invite include reviews and critical comparisons of resources with biospecimens linked to health data, reviews and critical assessments and original research of methods developed for multiple data types, original research in methods development or applications of polygenic risk scores, original research in computable or electronic phenotyping using EHRs, and original research in methods development or application to datasets with multiple genetic ancestries.

Guest Editor

Dr. Dana C. Crawford

Departments of Population and Quantitative Health Sciences and Genetics and Genome Sciences, Cleveland Institute for Computational Biology, Case Western Reserve University, Cleveland, OH, USA

Deadline for manuscript submissions

closed (31 October 2021)



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/79807

*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/](https://mdpi.com/journal/jpm)

[jpm](https://mdpi.com/journal/jpm)



About the Journal

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.

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 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).