

## Special Issue

# Development and Application of Bioinformatics in Personalized Medicine

### Message from the Guest Editor

Technological breakthroughs in omics have boosted the domains of Clinical -omics – the combined investigation of the human genome, proteome, and metabolome for clinical applications – and as a result, the emergence of Clinical Bioinformatics is prevalent. This Special Issue aims to familiarize researchers with the latest advances in applying bioinformatics to promote and improve personalized medicine, approaches taking advantage of modern high resolution -omics data. Research areas may include (but not limited to) the development and utilization of bioinformatic approaches to personalized medicine for the following:

- Personalized treatments, big -omics data
- Development of molecular disease signatures
- Disease-specific knowledge, omics databases, and biomarker databases
- Multi-omics integrations for disease characterization and treatment
- Discovery of single or multi-omics disease biomarkers
- Imaging techniques and analysis
- Algorithms for -omics data analysis and integration
- Single-cell -omics and bioinformatics
- Development of Polygenic Risk Scores related to disease
- Pharmacogenomics, pharmacoproteomics, and pharmacometabolomics

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### Guest Editor

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### Deadline for manuscript submissions

closed (5 February 2023)



## Journal of Personalized Medicine

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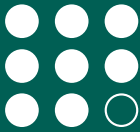
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## About the Journal

### 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.

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### Editor-in-Chief

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#### High Visibility:

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

#### Journal Rank:

CiteScore - Q2 (Medicine (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).