

Special Issue

Emerging Role of Bioinformatics Tools and Software in Evolution of Epidemiology

Message from the Guest Editors

The increasing availability of health-related information originating from disparate electronic sources (including social media) has resulted in a growing need of new methods and tools for data analysis and synthesis. Additionally, advances in electronic reporting and interoperability of claims or clinical databases across different healthcare systems have put pressure on the integration of informatics, statistics, epidemiology, and public health disciplines to translate these advances into reliable scientific evidence. This pressure has been particularly active for surveillance systems, including those associated with infectious disease control and vaccine/drug safety monitoring. This Special Issue of the *Journal of Personalized Medicine* aims to highlight the current state of the science and showcase some of the latest example in the field of multiple database exploitation for public health purposes. Studies may also include those that explore the impact of the COVID-19 pandemic on healthcare services and health-related events using clinical and population-based approach.

Guest Editors

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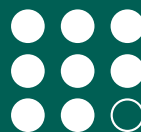
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About the Journal

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.

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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).