Special Issue

Systems Medicine and Bioinformatics

Message from the Guest Editors

In precision medicine, determining the right treatment for the right patients based on a precise diagnosis is the ultimate goal. It guides us to provide considerable progress to our knowledge of disease etiology and pathogenesis. To achieve this goal, molecular features and clinical phenotypes are used to perform the correct stratification of patients and classify the corresponding features. Recent advances in sequencing and multi-omics technologies transform biomedical research and change healthcare and medicine by providing big data as molecular and clinical features. In parallel, advanced statistical, computational, and mathematical tools to analyze, integrate, interpret big heterogeneous datasets, and develop multilevel models are demanded. We encourage the submission of original and review articles to this Special Issue of the Journal of Personalized Medicine that cover the "Systems medicine and bioinformatics". Articles focused on empirical and computational studies, implementation of new models along with the validations, focusing on the barriers to expanding systems medicine into personalized and precision medicine will be welcome.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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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).