Special Issue

Clinical Advances in Functional Genomics

Message from the Guest Editor

The purpose of this Special Issue is to explore the innovations and possibilities of functional genomics, especially taking into consideration the potential of genomics in healthcare and disease management. Functional genomics plays an important role in molecular biology to express gene interactions and functions. The main aspects of research are related to gene transcription and translation, and the regulation of gene expression. This Special Issue aims to explore the interface between genomics, network biology, and proteomics data. Research fields such as bioinformatics are crucial to perform analysis of functional genomics data, especially using techniques like data clustering, artificial neural networks, support vector machines, machine learning, or principal component analysis. This Special Issue welcomes submissions including but not limited to bioinformatics methods, studies of rare or common diseases, and novel experimental systems such as primary cell lines. We also welcome papers that address the implementation of genomics into personalized medicine.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2024)

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 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).

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