

Special Issue

Precision Medicine in Neurology

Message from the Guest Editors

Precision medicine represents a transformative approach to healthcare, customizing patient care to an individual's genetic makeup, lifestyle and environment. In the field of neurology, this paradigm shift promises to revolutionize the diagnosis, treatment and management of neurological disorders, which are among the most complex and challenging areas of medicine. The significance of precision medicine in neurology cannot be overstated given the vast heterogeneity and intricacy of neurological diseases, ranging from neurodegenerative conditions such as Alzheimer's and Parkinson's disease to neuroinflammatory disorders such as multiple sclerosis. The aim of the Special Issue is to assemble a comprehensive collection of original research articles, reviews and case studies that illuminate the forefront of precision medicine as it applies to the field of neurology.

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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).