

Special Issue

Computational Behavioral Modeling in Precision Psychiatry

Message from the Guest Editors

Precision psychiatry aims to tailor diagnosis and treatment by accounting for individual differences in behavior, biology, and environment. As part of this movement, computational and quantitative models offer powerful tools for understanding the mechanisms underlying psychiatric conditions and informing individualized care.

This Special Issue will focus on quantitative and computational approaches to modeling clinically important behavior, with particular emphasis on individual behavior patterns and trajectories—especially those that reflect how behavior is established, maintained, and modified over time. We are especially interested in frameworks that incorporate principles of optimization, complexity, or algorithmic explanation to model the development, maintenance, and explanation of why we observe variable behavior across individuals and contexts.

We welcome empirical, theoretical, and computational papers, as well as translational work that addresses, models, or seeks to uncover the mechanisms of clinically relevant behavior through quantitative and computational frameworks.

Guest Editors

Dr. John Michael Falligant

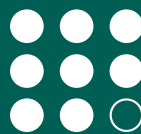
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About the Journal

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).