

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

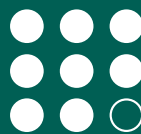
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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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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).