

Special Issue

New Insights into the Diagnosis and Treatment of Gastroenterological Diseases

Message from the Guest Editors

Gastrointestinal diseases, including inflammatory bowel disease (IBD), colorectal cancer, and functional disorders, exhibit significant inter-patient variability in pathogenesis, progression, and treatment response. A shift from symptom-based management to personalized, mechanism-driven care is essential to improve outcomes. Traditional gastroenterological diseases relied on clinical symptoms, endoscopy, and histology for diagnosis. Over the past two decades, advances in biomarker discovery, molecular profiling, and therapeutic drug monitoring have paved the way for more individualized approaches. This Special Issue aims to highlight novel diagnostic and therapeutic strategies in gastroenterological diseases that integrate principles of personalized medicine, emphasizing patient-specific risk assessment, targeted interventions, and precision monitoring. We invite original research, reviews, etc., on personalized diagnostics, predictive biomarkers, tailored biologic therapies, AI in gastrointestinal imaging, precision oncology, and integrative models combining clinical, genetic, and microbial data for individualized care.

Guest Editors

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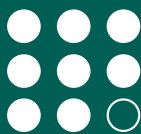


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About the Journal

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 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).