

Special Issue

Recent Advancement in the Diagnosis and Management of Gastrointestinal Disorders

Message from the Guest Editor

Current clinical practice is moving towards precision medicine. Advances in understanding the pathophysiology of various gastrointestinal disorders have made it possible to identify the meaning of clinical features and develop accurate diagnostic methods or targeted therapies. The representative features of precision medicine are artificial intelligence technologies, including deep learning or machine learning. Artificial intelligence is rapidly being applied to medical practice in the context of the automatic identification, classification, and prediction of important features of gastrointestinal disorders, and it is expected to affect our clinical practice. Combining big data analysis with artificial intelligence has the potential to increase accuracy because analyzing large amounts of data can uncover unexpected associations or new trends. The purpose of this Special Issue is to highlight recent advances in the context of diagnosis or treatment for various gastrointestinal disorders.

Guest Editor

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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).