

Special Issue

Advancing Tailored Diagnostics and Therapeutics in Autoimmune and Rheumatic Diseases via Integration of Traditional Approaches and AI Technologies

Message from the Guest Editors

Autoimmune and rheumatic diseases are complex disorders characterized by dysregulated immune responses leading to chronic inflammation and tissue damage. Traditional diagnostic and therapeutic approaches have improved patient outcomes, yet the heterogeneity of these diseases calls for more precise and personalized strategies.

Over recent decades, advances in molecular immunology and biomarker discovery have revolutionized disease understanding and management. Targeted therapies such as monoclonal antibodies and cytokine inhibitors marked a shift toward precision medicine, supported by evolving molecular profiling technologies. This Special Issue aims to highlight cutting-edge research on tailored diagnostics and therapeutics in autoimmune and rheumatic diseases, emphasizing the integration of traditional clinical methods with emerging artificial intelligence (AI) technologies. Our goal is to foster multidisciplinary approaches that accelerate the transition to personalized, effective care.

We welcome different types of manuscript submissions, including original research articles and up-to-date reviews (systematic reviews and meta-analyses).

Guest Editors

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Deadline for manuscript submissions

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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).