

Special Issue

Pathogenesis and Personalized Management of Asthma

Message from the Guest Editors

Asthma is a chronic, heterogeneous airway disease affecting millions worldwide, with significant morbidity and healthcare burden. Despite decades of research, asthma remains difficult to diagnose, classify, and manage effectively, highlighting the need for deeper mechanistic insights and personalised approaches. This Special Issue aims to advance the understanding of asthma pathogenesis and foster the development of precision medicine strategies, integrating basic, translational, and clinical research. We welcome studies on novel molecular biomarkers, multi-omics profiling, innovative therapeutic targets, and data-driven personalised care models for asthma. We invite original research, systematic reviews, meta-analyses, and thought-provoking perspectives that address the mechanisms, diagnosis, prognosis, and personalised management of asthma.

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Deadline for manuscript submissions

20 July 2026



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/253747

*Journal of Personalized
Medicine*
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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).