

Special Issue

Emerging Paradigms in Severe Asthma Management: Integrating Technology and Personalized Treatment

Message from the Guest Editors

Severe uncontrolled asthma is defined as asthma that remains insufficiently controlled despite receiving intensive asthma treatment after asthma diagnosis has been confirmed and considering comorbidities that may mimic asthma. The prevalence of severe uncontrolled asthma is estimated at 5% of all asthma cases. In this context, biological drugs have emerged as a promising option to address severe asthma. These medications target the specific immune system mechanisms involved in bronchial inflammation, providing a more precise and effective approach. By targeting specific cytokines and immune cells, biologics can help reduce symptoms, improve lung function, and decrease the frequency of exacerbations in patients with severe asthma. A key theme of this Special Issue is the role of technology, particularly artificial intelligence (AI), telemedicine, big data, and bioinformatics, in transforming asthma care. The integration of these technologies is reshaping the management of asthma, enhancing diagnostic precision, personalizing treatment plans, and improving patient outcomes.

Guest Editors

Dr. Rudolfo Álvarez-Sala-Walther

Respiratory Medicine Service, Hospital Universitario La Paz, Universidad Autónoma de Madrid, IdiPAZ, Madrid, Spain

Dr. Santiago Quirce

Department of Allergy, Hospital Universitario La Paz, Institute for Health Research (IdiPAZ), CIBER of Respiratory Diseases (CIBERES), Madrid, Spain

Deadline for manuscript submissions

closed (30 October 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/196805

Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

jcm





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
jcm](https://mdpi.com/journal/jcm)



About the Journal

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

Editors-in-Chief

Prof. Dr. Emmanuel Andr s

Internal Medicine Department, University Hospital Strasbourg, 67081
Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, The University of
Tokyo, Tokyo, Japan

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).