

## Special Issue

# Sepsis: Immunopathology, Patient Classification and Clinical Management

### Message from the Guest Editor

Sepsis is a multifaceted syndrome that is understood to be initiated by an abnormal reaction to infection, leading to life-threatening organ dysfunction. For decades, an abnormal inflammatory response to infection was considered to be central to the pathogenesis of sepsis. It is now evident that the host response is altered in a more complex way, involving persistent excessive inflammation, immune suppression, and a failure to restore normal homeostasis. It may be argued that those alterations may reflect a fundamental reorganization of immune and metabolic cell processes; however, it remains difficult to create an overarching framework of the key drivers in sepsis immunopathology versus changes that are secondary and less decisive to patient outcome. Improving our understanding of sepsis pathophysiology is critical for the development of precise therapeutics and patient management. Therefore, this Special Issue is dedicated to advances in sepsis immunopathology, patient classification, and clinical management.

### Guest Editor

Dr. Brendon P. Scicluna

1. Amsterdam UMC, University of Amsterdam, Center for Experimental Molecular Medicine, Amsterdam Infection and Immunity, Amsterdam, The Netherlands
2. Amsterdam UMC, University of Amsterdam, Department of Clinical Epidemiology, Biostatistics and Bioinformatics, Amsterdam, The Netherlands

### Deadline for manuscript submissions

closed (30 November 2019)



## Journal of Clinical Medicine

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/24317](https://mdpi.com/si/24317)

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

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

[jcm](https://www.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/](https://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 Andrès

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 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).