

## Special Issue

# Prediction and Diagnosis of Sepsis

### Message from the Guest Editor

Sepsis and systemic inflammatory response syndrome maintain a high mortality and lead to immense healthcare costs. Early diagnostic and rapid treatment of the underlying focus are key to successfully overcoming these life-threatening problems. The scope of this Special Issue is to present both clinical and preclinical work focused on a better understanding of underlying disease mechanisms and provide novel diagnostic approaches to allow for early detection of septic patients. Model-based decision making using biomarkers or other clinical parameters, gathered by “data mining” from big clinical data sets is gaining traction in terms of predicting outcomes. Furthermore, new insights into pathogen identification using novel approaches for diagnostics are welcome. To this end, we encourage submissions of original articles, reviews and case reports regarding novel pathways, new biomarkers for early detection of sepsis, and prediction models for mortality or other related outcomes to this Special Issue.

### Guest Editor

Dr. Stefan Felix Ehrentraut

Department of Anaesthesiology and Intensive Care Medicine,  
University Hospital Bonn, Bonn, Germany

### Deadline for manuscript submissions

closed (30 April 2024)



## Diagnostics

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 5.9  
Indexed in PubMed



[mdpi.com/si/110947](https://mdpi.com/si/110947)

*Diagnostics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)

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





# Diagnostics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 5.9  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Andreas Kjaer  
Department of Clinical Physiology, Nuclear Medicine & PET National  
University Hospital, Rigshospitalet, University of Copenhagen,  
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).