

## Special Issue

# Point-of-Care Testing (POCT) for Infectious Diseases

### Message from the Guest Editor

This Special Issue highlights cutting-edge advances in point-of-care testing (POCT) for infectious diseases, presenting the latest global research and practical cases. With millions dying annually from infectious diseases worldwide, POCT—featuring portability, simplicity, rapidity, and cost-effectiveness—greatly boosts treatment efficiency and resource utilization, becoming vital for primary care and outbreak response. It explores the on-site early detection and clinical value of technologies (molecular diagnostics, immunochromatography, microfluidic chips, nanomaterials, and biosensors) in respiratory, gastrointestinal, and bloodstream infections, among others. Contributions integrating artificial intelligence (AI), wearable real-time monitoring, automated data transmission, and cloud analysis are encouraged. This Special Issue provides technical support for public health emergencies, hierarchical healthcare, and home diagnostics, aiding a faster, more accessible infectious disease control system.

### Guest Editor

Prof. Dr. Rongzhang Hao

1. Department of Toxicology and Sanitary Chemistry, School of Public Health, Capital Medical University, Beijing, China
2. Beijing Key Laboratory of Environment and Aging, Beijing, China

### Deadline for manuscript submissions

30 April 2026



## Diagnostics

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 5.9  
Indexed in PubMed



[mdpi.com/si/252069](https://mdpi.com/si/252069)

*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).