

Special Issue

Applications of Next-Generation Sequencing Technologies for the Diagnosis and Management of Infectious Diseases

Message from the Guest Editors

Since the advent of sequencing technologies and the emergence of different sequencing platforms, the use of next-generation sequencing (NGS) technologies for the clinical diagnosis of infectious diseases has increased. NGS technologies allow the comprehensive, high-throughput, and massively parallel detection of any pathogens, ranging from viruses to bacteria to fungi to parasites in specimens. Moreover, it has also been applied broadly and successfully in epidemiological studies, such as those on disease origin tracing. In this Special Issue, we are pleased to invite original research articles, experiences, and reviews on applications of NGS for the clinical diagnosis and management of infectious diseases. We believe these will have a considerable impact on the future development of accurate diagnostic technologies and precise management of infectious diseases.

We look forward to receiving your contributions.

Dr. S. C. Cesar Wong

Guest Editors

Dr. Hin Fung Tsang

Department of Clinical Laboratory and Pathology, Hong Kong Adventist Hospital, Hong Kong SAR, China

Dr. Sze Chuen Cesar Wong

Department of Applied Biology & Chemical Technology, Hong Kong Polytechnic University, Hong Kong SAR, China

Deadline for manuscript submissions

31 July 2025



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/181177

Diagnostics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).