

Special Issue

Recent Advances in Clinical Biochemistry

Message from the Guest Editor

This Special Issue titled "Recent Advances in Clinical Biochemistry" features a compilation of groundbreaking research and updates in the field of clinical biochemistry, highlighting pioneering research and advancements specifically in the diagnostic arena. It delves into the development of novel biomarkers and biotechnological innovations that enhance the early and accurate detection of diseases. The issue covers the latest techniques in proteomic and metabolomic profiling, which are pivotal in identifying disease-specific patterns. It also explores the integration of high-throughput technologies, such as next-generation sequencing and mass spectrometry, in clinical diagnostics. Furthermore, the role of artificial intelligence and machine learning in interpreting complex biochemical data is discussed. This Special Issue underscores the importance of clinical biochemistry in advancing medical diagnosis through innovative and robust methodologies. In addition, this Special Issue will address challenges and opportunities to optimize diagnostic stewardship efforts in all areas of the medical laboratory.

Guest Editor

Dr. Yu Chen

1. Horizon Health Network, 180 Woodbridge Street, Fredericton, NB, Canada
2. Department of Pathology, Dalhousie University, 6299 South St, Halifax, NS, Canada
3. Discipline of Laboratory Medicine, Memorial University of Newfoundland, St. John's, NL, Canada

Deadline for manuscript submissions

closed (30 June 2025)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/221287

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, CAPlus / 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).