

Special Issue

Artificial Intelligence Applications in Cardiovascular Disease Diagnosis and Imaging

Message from the Guest Editors

This specialized issue delves into the transformative role of Artificial Intelligence in the field of cardiovascular disease diagnosis and medical imaging, encompassing a collection of articles highlighting the cutting-edge research and clinical practices that leverage AI algorithms to revolutionize healthcare. Within this issue, readers will find discussions on AI's significant impact on precise disease diagnosis, advanced image analysis techniques, risk assessment and personalized treatment strategies. We aim to provide healthcare professionals with a comprehensive understanding of how AI can enhance cardiovascular disease diagnosis and imaging, ultimately improving patient care in this critical area of medicine.

Guest Editors

Dr. Ankush D. Jamthikar

Rutgers Robert Wood Johnson Medical School, Rutgers University,
New Brunswick, NJ 08901, USA

Dr. Naveena Yanamala

Robert Wood Johnson University Hospital, Rutgers Robert Wood
Johnson Medical School, New Brunswick, NJ, USA

Deadline for manuscript submissions

closed (31 May 2024)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/190969

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).