

Special Issue

Advances in Machine Learning for Medical Image Processing and Analysis

Message from the Guest Editor

This Special Issue explores the latest advancements at the intersection of machine learning and medical image processing. We highlight the cutting-edge research that leverages the power of AI to improve diagnostic accuracy, enhance therapeutic planning, and revolutionize healthcare. Contributions range from novel algorithms to innovative applications, demonstrating how machine learning techniques are transforming the field of medical image analysis. This Special Issue showcases the progress made in this exciting domain and offers insights into its future potential.

Guest Editor

Dr. Wei Shao

College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing, China

Deadline for manuscript submissions

31 October 2025



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/205833

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).