Special Issue

Artificial Intelligence Applications on Musculoskeletal Imaging

Message from the Guest Editors

This Special Issue addresses the rapid development of artificial intelligence (AI) in the field of musculoskeletal (MSK) imaging and aims to gather manuscripts covering AI applications for MSK imaging. The issue will include original and review articles on traditional machine learning as well as deep learning applications related to MSK disorders on any relevant imaging modality (MRI, US, CT, X-rays). Contributions considered for this Special Issue may also be related to the field of radiomics as well as the integration of radiomics with other types of biological omics (radiogenomics, radiotranscriptomics etc.) provided that they are applied to MSK disease.

Guest Editors

Dr. Michail Klontzas

- 1. Department of Medical Imaging, University Hospital of Heraklion, Crete, Greece
- 2. Department of Radiology, School of Medicine, University of Crete, Heraklion, Crete, Greece
- 3. Advanced Hybrid Imaging Systems, Institute of Computer Science, Foundation for Research and Technology (FORTH), Heraklion, Crete, Greece

Prof. Dr. Apostolos Karantanas

- 1. Department of Medical Imaging, University Hospital, Voutes, 71110, Heraklion, Crete, Greece
- 2. Department of Radiology, School of Medicine, University of Crete, Heraklion, Crete, Greece
- 3. Advanced Hybrid Imaging Systems, Institute of Computer Science-FORTH, Crete, Greece

Deadline for manuscript submissions

closed (30 June 2023)



Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 5.9 Indexed in PubMed



mdpi.com/si/92686

Diagnostics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diagnostics@mdpi.com

mdpi.com/journal/diagnostics





Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 5.9 Indexed in PubMed



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).

