

Special Issue

Application of Radiomics in Clinical Diagnosis

Message from the Guest Editors

Radiomics has emerged as a powerful and transformative approach in medical imaging, enabling the extraction of high-dimensional quantitative features from standard radiological images. This Special Issue explores the growing role of radiomics in enhancing clinical diagnosis, offering insights into how advanced imaging analytics can improve disease detection, characterization, and prognostication across a broad spectrum of pathologies. The contributions in this Special Issue encompass original research articles, reviews, and case studies that demonstrate the integration of radiomics with clinical, histopathological, and molecular data. Emphasis is placed on the development and validation of radiomic biomarkers, their role in decision support systems, and their impact on personalized medicine. Studies span a variety of imaging modalities, including CT, MRI, PET, and ultrasound, highlighting applications in oncology, neurology, cardiology, and beyond.

Guest Editors

Dr. Alfonso Reginelli

Department of Precision Medicine, University of Campania "L. Vanvitelli", 80138 Naples, Italy

Dr. Vittorio Patanè

Department of Precision Medicine, University of Campania "Luigi Vanvitelli", 80138 Naples, Italy

Deadline for manuscript submissions

closed (28 February 2026)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/243013

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 21.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).