Special Issue

Radiomics in Oncology II

Message from the Guest Editor

In the era of oncologic personalized medicine, radiomics represents an emerging diagnostic tool to support clinicians in decision making, cancer detection, and treatment response assessment. Radiomics by the extraction of several quantitative features, including tumor shape and textural parameters, could provide additional information on cancer phenotype and the tumor microenvironment. Digitally coded medical images that include information related to tumor heterogeneity are transformed in quantitative and dimensional data. Radiomics-derived data, if combined with other clinical data and correlated with outcome, could support physicians in making an accurate and structured evidence-based clinical decision. In that scenario, radiologists have the means to stratify patients at diagnosis according to tumor aggressiveness and to predict or assess the treatment response in neuro-oncology, lung cancer, gastrointestinal and hepatobiliary tumors, as well as gynecological and genitourinary cancers. Radiomics has the main advantage for physicians that it could be an additional and integrated tool in patient management workflow. Welcome to the era of bright data!

Guest Editor

Dr. Damiano Caruso

Radiology Unit, Department of Medical Surgical Sciences and Translational Medicine, Sant'Andrea University Hospital, Sapienza-University of Rome, 00100 Rome, Italy

Deadline for manuscript submissions

closed (30 March 2022)

Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed

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).