



life



an Open Access Journal by MDPI

Diagnostic Imaging in Colorectal Cancer

Guest Editors:

Dr. Filippo Crimi

Institute of Radiology,
Department of Medicine—DIMED,
University of Padua, 35128
Padua, Italy

Dr. Chiara Zanon

Institute of Radiology,
Department of Medicine—DIMED,
University of Padua, 35128
Padua, Italy

Deadline for manuscript
submissions:

30 May 2025

Message from the Guest Editors

Artificial intelligence (AI), radiomics and PET/MRI are at the forefront of advances in colorectal cancer imaging. In this context, texture analysis is a groundbreaking tool that allows for software to extract additional features that are not visible to the human eye in ultrasound, CT and MRI images. This quantitative approach in colorectal cancer assays can present a new era in diagnostics, potentially augmented by AI for data management.

PET/MRI has emerged as a superior imaging modality, offering a fusion of detailed anatomical views from MRI with functional insights from PET scans. This combination has been proven to improve the accuracy of PET/CT and MRI for staging tumor spread (T and N staging), supporting its use in determining the suitability for less invasive rectal cancer treatments.

This Special Issue aims to collate state-of-the-art studies targeting advancements in colorectal cancer multimodal imaging that can lead to improved diagnostic accuracy and refine colorectal cancer assessment.



mdpi.com/si/195800

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)