

Special Issue

The Development and Application of Imaging Biomarkers in Cancer

Message from the Guest Editor

Imaging biomarkers have emerged as a cornerstone in the evolving landscape of oncology, offering unparalleled, non-invasive insights into the intricate dynamics of tumor biology, progression, and therapeutic responses. Advances in imaging modalities, including MRI, PET, CT, and hybrid technologies, have revolutionized cancer diagnostics by enabling the precise, quantitative evaluation of tumor characteristics at the molecular, cellular, and tissue levels. This Special Issue will explore the latest advancements and applications of imaging biomarkers in cancer, emphasizing their transformative role in the early detection, treatment, and long-term management of patients with cancer. Particular attention will be paid to AI-driven approaches, highlighting how these technologies are reshaping cancer care by making it more precise, efficient, and impactful. We aim to showcase the cutting-edge research, technical innovations, and clinical applications that are driving the future of oncology, toward the ultimate goal of enhanced patient outcomes and cancer prevention.

Guest Editor

Dr. Abhishek Mahajan

The Clatterbridge Cancer Centre NHS Foundation Trust, University of Liverpool, Liverpool, UK

Deadline for manuscript submissions

closed (31 December 2025)



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



mdpi.com/si/223140

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

[mdpi.com/journal/
cancers](https://mdpi.com/journal/cancers)





Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



[mdpi.com/journal/
cancers](https://mdpi.com/journal/cancers)



About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its open access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Oncology) / CiteScore - Q1 (Oncology)