

Topical Collection

Artificial Intelligence in Oncology

Message from the Collection Editors

Artificial intelligence (AI) comprises a type of computer science that develops software programs for intelligent execution of tasks or decision making. These approaches allow for bridging the gap between the acquisition of data and its meaningful interpretation. Consequently, artificial intelligence has demonstrated outstanding capabilities for the resolution of a variety of biomedical problems, including cancer, over the past decade. Artificial intelligence can play an essential role in a wide variety of aspects of oncology: tumor detection and segmentation, histopathological diagnosis, tracking tumor development, clinical decision making as well as cancer therapy development and validation or prognosis prediction. This Topical Collection will highlight several of the above issues. We welcome submissions of research and review articles addressing several facets of AI in both basic and clinical cancer research.

Collection Editors

Prof. Dr. Andreas Stadlbauer

Prof. Dr. Anke Meyer-Baese

Dr. Max Zimmermann



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/71240

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 9.0
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)