

Multi-Scale and Multi-Physics Models of the Transport of Therapeutic/Diagnostic Cancer Agents

Guest Editors:

Prof. Dr. Michael C. Kolios

Department of Physics, Ryerson
University, Toronto, ON, Canada

Dr. Farshad Moradi Kashkooli

Department of Physics, Ryerson
University, Toronto, ON M5B 2K3,
Canada

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

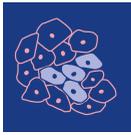
Dear Colleagues,

Given several transport processes involved in the delivery of therapeutic/diagnostic cancer agents and the complexity of the tumor microenvironment, sophisticated mathematical/computational modeling can be used to study the limitations of these approaches in treating/diagnosing cancer. Recently, multi-physics and multi-scale models have been applied to aid in the development of therapeutic/diagnostic agent delivery approaches.

In this Special Issue, original research articles and reviews are invited. Topics covered include, but are not limited to, mathematical/computational modeling of delivery systems for theranostics, targeted delivery and nanomedicine more broadly. In general, this special issue aims to highlight the state-of-art research on multi-scale and multi-physics models in therapeutic/diagnostic agent development in cancer and demonstrate their potential clinical impact.

We look forward to receiving your contributions.





an Open Access Journal by MDPI

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

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.

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)

Contact Us

Cancers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/cancers
cancers@mdpi.com
[X@Cancers_MDPI](https://twitter.com/Cancers_MDPI)