



Viral Oncogenes and Their Role in Cancer Pathogenesis

Guest Editors:

Dr. Ronen Borenstein

The Program for Experimental
and Theoretical Modeling
Division of Hepatology,
Department of Medicine Stritch
School of Medicine, Loyola
University Chicago, Maywood, IL
60153, USA

Dr. Yosef Sabo

Aaron Diamond AIDS Research
Center, Columbia University
Vagelos College of Physicians
and Surgeons, New York, NY, USA

Deadline for manuscript
submissions:

21 May 2025

Message from the Guest Editors

Viruses have long been recognized as significant contributors to cancer development. They achieve this either by expressing viral oncogenes or by altering the cellular regulation of endogenous oncogenes. These oncogenes can modify host cell signaling pathways, leading to uncontrolled cell proliferation, evasion of apoptosis, and genomic instability. The study of viral oncogenes and the cellular regulation modifications they induce has provided valuable insights into the molecular mechanisms underlying tumorigenesis, offering potential targets for therapeutic interventions. This section aims to explore the diverse array of viral strategies aimed at inducing oncogenesis identified across different viral families, their interactions with the host cellular machinery, and their impact on cancer pathogenesis. By elucidating the intricate relationship between viruses and cancer, this topic seeks to advance our understanding of oncogenic processes and pave the way for innovative antiviral and anticancer strategies.





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 is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in 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 - Q1 (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)