

Special Issue

Epigenomics in Prostate Cancer

Message from the Guest Editor

Prostate cancer is one of the most common male malignancies in the world. It displays a high incidence to mortality ratio, meaning that the majority of men experience a relatively low-risk, latent form of the disease. However, a proportion of tumours have an aggressive nature and hence prostate cancer is the 5th leading cause of cancer-related deaths in men worldwide. The fact that prostate cancer displays an atypically low mutation rate, has undoubtedly contributed to our lack of clarity on hallmark molecular features of aggressive and indolent disease. By contrast, epigenetic alterations are frequent during prostate cancer initiation and progression and indeed the disease is known to undergo an epigenetic catastrophe during the earliest stages of tumour development, with widespread promoter hypermethylation and silencing of regulatory genes.

This special issue will highlight the central, yet complex, role that epigenomics plays in prostate cancer, from disease development through to castration resistance, and the utility that it offers in disease detection, stratification and prognostication.

Guest Editor

Dr. Antoinette S. Perry

Cancer Biology and Therapeutics Laboratory, UCD Conway Institute of Biomolecular and Biomedical Research, University College Dublin, Dublin, Ireland School of Biology and Environmental Science, University College Dublin, Dublin, Ireland

Deadline for manuscript submissions

closed (31 May 2021)



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



mdpi.com/si/60186

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 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.

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)