

## Special Issue

# The Signal-Processing in Tumor

### Message from the Guest Editors

Tumors and their ecosystems co-evolve over time, leading to genomic alterations within tumor cells; thus, anti-tumor treatment must be adapted over the course of the disease. To better understand this process and its mechanisms: How does signal transduction in tumors cells shape the tumor ecosystem? Tumor cells send and receive bidirectional signals to and from adjacent tumor cells as well as the tumor microenvironment, endothelium, immune cells, and fibroblasts. Via this exchange of signals, tumor cells control their stromal milieu to sustain their growth, evolve, respond to drugs, and advance. Thus, signal transduction pathways play key roles in initiation, progression, and metastasis processes.

### Guest Editors

Dr. Nandini Dey

Senior Scientist & Director, Translational Oncology Laboratory, Avera Cancer Institute, Sioux Falls, SD, USA

Dr. Pradip De

1. Senior Scientist, Translational Oncology Laboratory, Avera Cancer Institute, Sioux Falls, SD, USA

2. Consultant, VieCure, Greenwood Village, CO, USA

### Deadline for manuscript submissions

closed (15 November 2023)



## Cancers

an Open Access Journal  
by MDPI

Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



[mdpi.com/si/118378](https://mdpi.com/si/118378)

*Cancers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cancers@mdpi.com](mailto: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)