

## Special Issue

# Calcium Signaling in Cancer Cell Progression

### Message from the Guest Editor

There is ample evidence demonstrating that the alteration of the intracellular  $\text{Ca}^{2+}$  flux is the consequence of an aberrant expression and function of cation channels, pumps, sensors, or transporters.

Recently, interorganellar  $\text{Ca}^{2+}$  communication is attracting a lot of attention. This is because these calcium exchanges between organelles are altered in cancer and promote tumor progression by influencing cell metabolism and cell fate.

This Special Issue aims to compile the available information we have regarding cancer on the role of  $\text{Ca}^{2+}$  signaling in the following areas:

- Membrane contact sites between the mitochondria and endoplasmic reticula or lysosomes.
- Interorganelle platforms connecting endosomes and plasma membranes.
- Interorganelle  $\text{Ca}^{2+}$  flux and cancer cell metabolism and fate.
- Alterations of membrane contact sites to promote migration and invasion.
- Mitoflash and tumor progression.
- $\text{Ca}^{2+}$  interplay between organelles and exosome release.

---

### Guest Editor

Dr. Amantini Consuelo

School of Biosciences and Veterinary Medicine, Biology Division,  
University of Camerino, Via Gentile III da Varano, 62032 Camerino, Italy

---

### Deadline for manuscript submissions

30 November 2025



## Cancers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



[mdpi.com/si/213936](https://mdpi.com/si/213936)

*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, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Oncology) / CiteScore - Q1 (Oncology)