

## Special Issue

# Stress Response Pathways in Cancer

### Message from the Guest Editors

Targeting the Integrated Stress Response (ISR) in cancer therapy and management is among the core components of cancer control, nowadays. Therefore, the study of Stress Response Pathways (SRP) is substantial and constitutes a very fertile area for extensive research. SRP could be defined as “cellular and organismal mechanisms to resist the effects of stress and/or restore homeostasis when conditions change”. The following research topics are of major interest: 1. stress and stress response; 2. Metabolic and oxidative stress in tumor cells; 3. Stress response components in cancer; 4. The role of stress response in tumor development and progression; 5. Interventions related to stress response in clinical and epidemiological studies. The purpose of this Special Issue is to gather a collective group of studies to map the current evidence and trends on SRP and cancer. It aims to depict the dual role of SRP in cancer prevention and therapy and suggest integrative understanding as a basis for the development of future rational and holistic therapies targeting the stress response. This Special Issue welcomes both original research articles and reviews.

### Guest Editors

Dr. Dimitra Sifaki-Pistolla

1. Cancer Registry of Crete, School of Medicine, University of Crete, 700 13 Heraklion, Greece
2. Department of Medical Oncology, University General Hospital of Heraklion, 715 00 Heraklion, Greece

Dr. Vasiliki Stavroulaki

1. Laboratory of Neuropsychology, Department of Psychology, Faculty of Social Sciences, University of Crete, Rethymno, Greece
2. University of Crete Research Center for the Humanities, The Social and Educational Sciences (UCRC), University of Crete, Rethymno, Greece
3. Metropolitan College, Crete, Greece, in collaboration with University of East London, London, UK

### Deadline for manuscript submissions

closed (30 June 2025)



## Cancers

an Open Access Journal  
by MDPI

Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



[mdpi.com/si/161543](https://mdpi.com/si/161543)

*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)