

Special Issue

Childhood Cancer in the Genomic Era: Experimental and Theoretical Approaches (2nd Edition)

Message from the Guest Editor

I would like to invite you to contribute to this Special Issue featuring in the journal *Cancers*, which aims to present recent developments in the field of childhood cancer from all perspectives, including both experimental and theoretical ones. Cancer is one of the leading causes of death in the modern world. Childhood cancer is particularly significant, both due to the sensitivity of this population but most importantly due to the devastating effects that the disease has on children. Modern tools and methodologies enable the discovery and detection of a plethora of molecules, helping us to understand tumor mechanics, especially during childhood. With this in mind, the present Special Issue is dedicated to the description and study of childhood cancer from all aspects. These include but are not limited to gene expression (including all available methods), protein expression, modeling, systems analysis and biology, bioinformatics approaches, epidemiology, mutation analyses, metabolomics, epigenetics, big data in tumor biology and research, theoretical aspects of modeling in childhood neoplasms, the bioethics of childhood genomic research, etc.

Guest Editor

Dr. George I. Lambrou

Choremeio Research Laboratory, First Department of Pediatrics,
National and Kapodistrian University of Athens, Thivon & Levadeias 8,
Goudi, 11527 Athens, Greece

Deadline for manuscript submissions

31 October 2025



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



mdpi.com/si/230602

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)