

Special Issue

Pediatric Cancer Research from Basic Biology to Experimental Therapy

Message from the Guest Editor

Dear Colleagues, Tumors in children are different from those in adults and can range from benign, intermediate, and malignant neoplasia. The incidence of pediatric tumors varies in different racial and ethnic groups and geographic regions, reflecting their diverse biology and environmental influence. A better understanding of pediatric cancer biology and genetics is needed to reflect its heterogeneity, clinical behavior, and response to therapy. The pediatric cancer genetic profile is unique, featuring a high prevalence of specific structural variations and predisposing germline variants. The classification of pediatric tumors has recently evolved, now incorporating novel genetically defined entities and ancillary tests that have resulted in more precise tumor definition. This Special Issue aims to highlight the recent advances in pediatric tumor research, including basic biology, tumor microenvironment, novel treatment, and cellular and genetic landscapes.

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Deadline for manuscript submissions

14 February 2025



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 8.0
Indexed in PubMed



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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.

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