



Childhood Cancer in the Genomic Era: Experimental and Theoretical Approaches

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Message from the Guest Editors

Childhood cancer in particular is a special case, first of all due to the sensitivity of this population but most importantly due to the devastating effects the disease has on children. Modern tools and methodologies allow the discovery and detection of a plethora of molecules toward the unraveling of tumor mechanics and therefore of childhood tumor mechanics. In that sense, the present Special Issue is dedicated to the description and study of childhood cancer from all its 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, bioethics of childhood genomic research, etc.

Thus, I invite you to contribute to the Special Issue of the journal *Cancers* entitled “Childhood Cancer in the Genomic Era: Experimental and Theoretical Approaches”, which aims to present recent developments in the field of childhood cancer from all perspectives, including both experimental and theoretical.





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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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