Special Issue

Novel Treatments and Technologies Applied to Neuroblastoma

Message from the Guest Editor

Neuroblastoma (NB) is a prevalent extracranial solid tumor that develops in children. Documenting abnormalities at the genome, epigenome, and transcriptome levels, our knowledge of the molecular characteristics of human NBs continues to advance. The MYCN transcriptional regulator is highly expressed in the neural crest and is amplified in high-risk malignancies. Studies on the biology of NB have enabled a more precise risk stratification strategy and a concomitant reduction in the number of cases requiring treatment. To enhance outcomes and survival rates in these high-risk patients, a multicomponent therapeutic approach is required. Clinical staging of the disease and assessment of the associated risks based on biological, clinical, surgical, and pathological criteria are of the utmost importance for determining prognosis and planning effective therapeutic strategies. These reviews will examine the staging of neuroblastoma (NB), as well as the disease's biological and genetic characteristics, and several current therapies, including targeted chemotherapy delivery, novel radiation therapy, and immunotherapy for NB.

Guest Editor

Dr. Praveen Bhoopathi

1. Department of Human and Molecular Genetics, School of Medicine, Virginia Commonwealth University, Richmond, VA 23298, USA
2. VCU Institute of Molecular Medicine, School of Medicine, Virginia Commonwealth University, Richmond, VA 23298, USA

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Cancers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

mdpi.com/journal/cancers

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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.

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

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