Special Issue

Brain Cancer Stem Cells in Children and Adults

Message from the Guest Editor

Brain tumors can occur at any age and represent some of the most malignant cancers in both children and adults. Current standard therapies target the majority of brain tumor cells but do not adequately eradicate the cancer stem cell populations. Cancer stem cells are defined as tumor-initiating cells that possess self-renewal and differentiation properties similar to normal stem cells, with additional features of being highly tumorigenic and giving rise to a heterogeneous population of cells that comprise the tumor mass. Unless these brain cancer stem cells are eliminated, the possibility of a cancer cure is unlikely. In this Special Issue of *Cancers*, our objective is to gather a collection of reviews and original research articles that cover the basic, translational, and/or clinical research topics which contribute to our understanding of the brain cancer stem cell biology and development of new therapeutic strategies on targeting cancer stem cells in pediatric and adult brain tumors.

Guest Editor

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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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