

## Special Issue

# Oncogenes and Tumor Suppressor Genes in Brain Tumor

### Message from the Guest Editor

Induction of oncogenes and absence of tumor suppressor genes would trigger certain cellular pathways that control cell cycle, cell survival, cell growth, with a direct link to tumorigenicity depending on the context. Developing an understanding about how different cell types regulate the expression of oncogenes and tumor suppressor genes is of important significance. This Special Issue will cover downstream signaling pathways for oncogenes and tumor suppressor genes, their upstream regulators, their control mechanisms (at the level of epigenetics, transcription, translation, protein homeostasis), and the outcome of their mutation affecting cellular survival, differentiation, and proliferation. While different primary or metastatic brain tumors will be considered, manuscripts focusing on medulloblastomas and gliomas are encouraged. In addition, manuscripts linking oncogenes and tumor suppressor genes to regulatory cellular mechanisms, such as proteasome pathway, cellular metabolism, and cell death machinery (including autophagy, apoptosis), are welcome for submission.

### Guest Editor

Prof. Dr. Mojgan Rastegar

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### Deadline for manuscript submissions

closed (30 April 2023)



## Cancers

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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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### Editor-in-Chief

Prof. Dr. Samuel C. Mok

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