

## Special Issue

# Cellular and Molecular Mechanisms of Malignant Nervous System Cancers

### Message from the Guest Editor

This Special Issue aims to improve our understanding of medulloblastoma by combining contemporary research that illuminates current and emerging mechanisms of tumorigenesis, progression, maintenance, and treatment. Research on the cellular and molecular mechanisms of this cancer is the key to identifying novel therapeutic avenues to explore, making current therapies less toxic and with fewer side effects, and overcoming resistance associated with high-risk disease. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following range of topics relevant to medulloblastoma: diagnostic and prognostic marker identification, tumor microenvironment and heterogeneity, resistance mechanisms, targeted therapies, epigenetics, and fundamental biology related to the genetic risk factors associated with disease. I look forward to receiving your contributions.

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### Guest Editor

Dr. April Weissmiller

Department of Biology, Middle Tennessee State University,  
Murfreesboro, TN 37132, USA

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### Deadline for manuscript submissions

1 October 2025



## Cancers

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*Cancers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cancers@mdpi.com](mailto:cancers@mdpi.com)

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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

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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