

## Special Issue

# Advances in Radiomic, Genomic and Radiogenomic Techniques in Pediatric Medulloblastoma

### Message from the Guest Editor

This Special Issue will focus on introducing novel machine learning radiomic approaches as well as genomic and radiogenomic approaches for the management of pediatric medulloblastoma. Specifically, works that aim to develop approaches to improve risk-stratification, outcome prediction, tumor segmentation, or molecular subgroup classification are welcome to be submitted. The goal of this Special Issue is to show works that utilize novel machine learning and deep learning tools that incorporate features from routine imaging and histology, individually or combined, that add value to the current approaches used in the clinical setting, towards improving patient outcomes. This Special Issue will extend on the current literature in terms of the opportunities and advances available in the fields of radiomics and radiogenomics in pediatric brain tumors, an area that is still underserved and is in dire need of more work to aid in the understanding of this disease etiology.

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### Guest Editor

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### Deadline for manuscript submissions

15 November 2025



## 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

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