

## Special Issue

# Heterogeneity in Intra-Cranial Tumors: Diagnostic, Prognostic, and Therapeutic Implications

### Message from the Guest Editors

Recent advances have been made in diagnosing intra-cranial tumors, with a better definition of inter-tumoral heterogeneity. For instance, the WHO introduced a histo-molecular classification of gliomas in 2016, and new tumor entities, such as high-grade gliomas with piloid features, have been described. Additionally, there is also a high degree of intra-tumoral heterogeneity. Multiple tumor sampling and tumor resampling at progression have deciphered this heterogeneity at the spatial and temporal levels. From a functional viewpoint, the coexistence of areas characterized by different degrees of intrinsic connectivity has been demonstrated in gliomas. Moreover, single-cell analysis, notably applied to gliomas, has offered a better overview of inter- and intra-tumoral heterogeneity, identifying different transcriptomic signatures within the same tumor. This Special Issue aims to provide updated data regarding the inter- and intra-tumoral heterogeneity of intracranial neoplasms (gliomas, meningiomas, metastasis, etc.) and determine how this heterogeneity will influence therapeutic strategies and outcomes.

### Guest Editors

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### Deadline for manuscript submissions

28 February 2026



## Cancers

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Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



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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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