

## Special Issue

# Challenges and New Strategies in the Management of Gliomas

### Message from the Guest Editors

High-grade gliomas represent a unique challenge for research. The tumors grow as masqued behind a plethora of neurological signs and their systemic effects. The intra-tumor and inter-tumor heterogeneity and the alliance with brain elements reveal them at an advanced stage. Surgery is possible depending on the neuro-anatomical location. Recurrent neoplastic cores often arise in the peritumoral area beyond the primary resection. Resistance to chemo and radiotherapy makes them very difficult to treat. Despite advances in personalized medicine, immunotherapy, and the high-precision ion beam approach, the patient prognosis remains unfavorable, requiring urgent studies to understand brain tumor biology, polarization of the microenvironment, and systemic mechanisms. The present Special Issue aims at collecting ideas, hypotheses, and proof to identify specific biomarkers within the mechanisms occurring in the brain tumor microenvironment, offering potential avenues for central nervous system re-education, personalized medicine, early diagnosis, and non-invasive anti-tumor approaches. Journal articles, reviews, and communications are welcomed.

### Guest Editors

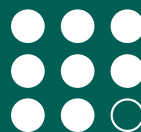
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### Deadline for manuscript submissions

25 May 2026



## Journal of Personalized Medicine

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine (JPM)*, ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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