

## Special Issue

# Molecular Mechanisms and Treatment of Brain Cancer: Recent Advances and Future Trends

### Message from the Guest Editor

Brain cancer is a serious issue in the global burden of diseases. It is estimated that 3.24 million new cancer cases and 1.66 million cancer deaths will be registered across Europe in 2024 and 40,800 of these deaths are from brain and central nervous system (CNS) cancers. Despite extensive efforts in molecular biology research, advances in biomedical engineering, artificial intelligence (AI) and big data science, brain tumors remain among the deadliest forms of cancer, resisting almost all conventional and novel treatments. The aim of this Special Issue is to focus on recent advances and trends in the diagnosis, treatment (standard and newly developed, as well as natural substances) and the development of new in vitro, in vivo or ex vivo models in the field of brain cancer. Original articles and reviews are welcome for publication on the topic. Dr. Terezia Kiskova

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 March 2026)



## Pharmaceuticals

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### Message from the Editor-in-Chief

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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