

Special Issue

Advances in Diagnosis and Treatment of Brain Tumors and Nervous System Tumors

Message from the Guest Editors

Brain cancers are among the most aggressive malignancies. The latest WHO Classification of Tumors of the Central Nervous System recognizes more than 100 primary brain tumors, highlighting the diagnostic challenges for these tumor entities. Surgery along with current chemoradiotherapy approaches are often ineffective for many brain tumors and may cause serious side effects. Thus, more effective and targeted therapies are rapidly emerging from the current literature.

This Special Issue of Brain Sciences will provide an update on the recent clinical and preclinical advances in the diagnosis and treatment of brain and nervous system tumors.

The following topics are subject to particular interest:

Molecular diagnostics for the classification of brain tumors;

Novel biomarkers with the potential to improve the classification and risk-stratification of brain tumors;

Surgical advances to improve safety and efficacy in the diagnosis and resection of brain tumors (awake surgery, intraoperative imaging, fluorescent and intraoperative tumor markers, etc.)

Emerging therapies for brain tumors (immunotherapy, LITT, etc.)

Guest Editors

Dr. Alberto Delaidelli

Department of Molecular Oncology, BC Cancer Research Centre, Vancouver, BC V5Z 1L3, Canada

Dr. Alessandro Moiraghi

1. Department of Neurosurgery, GHU-Paris Psychiatrie et Neurosciences, Hôpital Sainte Anne, F-75014 Paris, France

2. Université de Paris, IMABRAIN, INSERM U1266, Institute of Psychiatry and Neuro-science of Paris, F-75014 Paris, France

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

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