

Special Issue

Immunotherapy of Brain Tumor

Message from the Guest Editor

Brain tumors are all orphan diseases, and the prognosis of malignant brain tumors remains bad despite a significant amount of preclinical and clinical research. Immunotherapy is a novel emerging field, which might also be applied for brain tumors, and intensive research is taking place today in different domains of immunotherapy for brain cancer (passive immunotherapy, adoptive immunotherapy, immunogenic cell death immunotherapy with oncolytic viruses and physics therapies, active specific immunotherapy with vaccines, modulatory immunotherapy). The aim is not only to kill tumor cells, but also to change the tumor microenvironment and to improve the systemic immune compartment. Multimodal immunotherapies are emerging. This Special Issue of the *International Journal of Molecular Sciences* aims to collect state-of-the-art knowledge as well as cutting-edge evolutions and perspectives in the field. Therefore, a broad group of researchers and clinicians are invited to contribute their insights so that readers and patients have an updated overview of the design of therapies to treat brain cancer. Prof. Dr. Stefaan W. Van Gool

Guest Editor

Prof. Dr. Stefaan W. Van Gool

IOZK Immuno-Oncology Center Cologne, Hohenstaufenring 30-32,
50674 Cologne, Germany

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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