

Special Issue

Oncolytic Virotherapy 2.0

Message from the Guest Editor

Recent years have seen tremendous advances in cancer diagnosis, profiling and therapy. However, some types of tumors are still a scourge on society, due to the limited efficacy of traditional chemo/radiotherapy treatments, and in some cases, the restricted possibilities of surgical intervention at the primary tumor site, or the impossibility to block, access or destroy metastases. In this scenario, oncolytic viruses (OVs) offer exciting possibilities: the first registered OV, licensed for the treatment of metastatic melanoma, belongs to the herpesviridae family, and other members of different virus families are in the pipeline. In this regard, submissions of original research papers, perspectives and reviews are welcome for this Special Issue. Topics of interest include, but are not limited to:

oncolytic virus design and engineering
oncolytic virus retargeting, shielding, arming
viral delivery of therapeutic proteins
cancer gene therapy
oncolytic virus delivery
systemic virotherapy
cancer treatment
metastases targeting
combination therapies
viro-immunotherapy and neoadjuvant treatment

Guest Editor

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closed (26 August 2022)



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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.

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