

Special Issue

Oncolytic Virotherapy

Message from the Guest Editors

The last years have witnessed tremendous advances in cancer diagnosis, profiling and therapy. However, some types of tumors represent still a scourge, 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. A new generation of biological therapeutics is emerging, and holds promise to tackle these demanding aspects of cancer. 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. The great effort at the preclinical research stage put into these advanced anti-cancer strategies pledge important breakthroughs in this challenging field, to get more oncolytic viruses from the bench to the bedside. In this regard, submission of original research papers, perspectives and reviews is welcome for this Special Issue.

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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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