



an Open Access Journal by MDPI

Oncolytic Viruses as a Novel Form of Immunotherapy for Cancer III

Guest Editors:

Dr. David L. Bartlett

Department of Surgery, University of Pittsburgh School of Medicine, and University of Pittsburgh Cancer Institute, Pittsburgh, PA 15213, USA

Dr. Zong Sheng Guo

 The UPMC Hillman Cancer Center, Pittsburgh, PA 15213, USA
Department of Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA 15213, USA

Deadline for manuscript submissions: closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

The oncolytic virus (OV) has emerged as a novel form of immunotherapy for cancer. In the last few years, investigators started to realize that antitumor activity beyond direct oncolysis is also a key contributor to therapeutic efficacy. OV-induced antitumor immunity plays an important, sometimes essential, role in OV-mediated therapeutics for cancer. One particular property of oncolytic viruses worth mentioning is their turning of cold tumors into hot. This unique property makes OV a highly useful agent in combinatorial approaches for cancer immunotherapy.

We cordially invite authors in the field to submit original research or review articles pertaining to this important and fast-progressing field of biomedicine. In particular, articles describing research with combinatorial approaches are strongly encouraged.



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA 2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research. biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/biomedicines biomedicines@mdpi.com X@Biomed_MDPI