

Special Issue

Oncolytic Viruses and Combinatorial Immunotherapy for Cancer

Message from the Guest Editors

Oncolytic viruses (OVs) are developed as tools for novel cancer therapies. In recent years, investigators have started to realize that the indirect antitumor activity of viruses beyond direct oncolysis is a vital contributor to therapeutic efficacy. OV-induced antitumor immunity plays an important, sometimes essential, role in OV-mediated therapeutics for cancer. OVs modulate the tumor microenvironment to favor antitumor immunity. Their ability to turn cold tumors immunologically hot is a unique property that makes OVs highly useful agents 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-advancing field of biomedicine. The submission of articles addressing (i) the mechanisms of action of OVs, (ii) genetic modifications of OVs for improving their efficacy and safety, (iii) the delivery of OVs, (iv) host responses to OVs and (v) studies with combinatorial approaches is strongly encouraged.

Guest Editors

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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.

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