

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.

Guest Editors

Dr. Laura Menotti

Department of Pharmacy and Biotechnology, University of Bologna,
40126 Bologna, Italy

Prof. Elisa Avitabile

Alma Mater Studiorum Università di Bologna, Bologna, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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