



# The Role of Oncolytic Viruses in Combination Cancer Therapy

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## Abstract

Oncolytic viruses (OVs) have emerged as an innovative therapeutic strategy in cancer treatment, leveraging viruses to selectively infect and lyse cancer cells while sparing healthy tissue. When combined with conventional treatments such as chemotherapy, radiotherapy, or immunotherapy, oncolytic viruses hold the potential to enhance tumor targeting, increase the immune system's response to cancer, and overcome treatment resistance. This article explores the role of oncolytic viruses in combination cancer therapy, examining their mechanisms of action, therapeutic

