

# Key Market Driver In Oncolytic Adenovirus Industry 2025: Surge In Cancer Diagnoses Drives Breakthroughs

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/EINPresswire.com/ -- The [oncolytic adenovirus global market](#) is projected

to reach \$132.87 billion in 2025 from \$122.31 billion in 2024, growing at a CAGR of 8.6%. This robust growth is driven by rising global cancer prevalence, increasing demand for targeted cancer treatments, growing R&D funding, enhanced virus delivery methods, and regulatory approvals.



What does future growth look like for the [Oncolytic Adenovirus Market?](#)

The oncolytic adenovirus market is poised for powerful growth in the coming years, with forecasts predicting a market size of \$183.22 billion in 2029 growing at a CAGR of 8.4%. Factors contributing to this expansion include increasing prevalence and incidence of cancer, progression in combination therapies, regulatory advancements, technological improvements in virus engineering, and boosted investment in oncology research. The market is also anticipated to see significant trends such as advancements in viral engineering techniques, evolution in drug delivery systems, progression in tumor targeting precision, cutting-edge immunotherapy combinations, and innovations in patient monitoring and diagnostics.

What is driving the growth of the Oncolytic Adenovirus Market?

The rise in cancer incidence is a key driver propelling the growth of the oncolytic adenovirus market. Oncolytic adenovirus, which selectively targets and eliminates cancer cells, offers a promising strategy to manage the escalating incidence of cancer. This surge in cancer incidence is attributed to factors such as aging populations, lifestyle factors, environmental exposures, genetic predispositions, and enhanced detection methods. As an example, based on the reports by the National Cancer Institute NCI and the Australian Bureau of Statistics, global cancer cases and deaths are increasing rapidly, thereby driving the growth of the oncolytic adenovirus market.

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Who are the key players in the Oncolytic Adenovirus Market?

Prominent companies in the oncolytic adenovirus market include Amgen Inc., Targovax ASA, CG Oncology Inc., Replimune Group Inc., Imugene Limited, Oncorus Inc., PsiOxus Therapeutics Ltd., Vyriad Inc., Transgene SA, Valo Therapeutics Oy, EpicentRx Inc., DNATRIX Inc., Shanghai Sunway Biotech Co. Ltd., TILT Biotherapeutics Ltd., Oncolys BioPharma Inc., Lokon Pharma AB, GeneMedicine Co. Ltd., Akamis Bio Ltd., Genelux Corporation, and Sillajen Inc.

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What are the innovative strategies adopted by key industry players?

Major players in the market are focusing on combination therapies such as VCN-01. This combines oncolytic virotherapy with chemotherapy to enhance tumor targeting and therapeutic outcomes. VCN-01, an oncolytic adenovirus, is designed to selectively infect and destroy cancer cells while also boosting the effectiveness of chemotherapy.

The market report is divided into the following segments – By Virus Type, Application, and End-User. Virus types include Adenovirus Type 5-Based, Adenovirus Type 2-Based Oncolytic Viruses, and Other Virus Types. The Applications segment includes Melanoma, Prostate Cancer, Breast Cancer, Ovarian Cancer, Lung Cancer, among others. The Market is also segmented by End-User into Hospitals, Cancer Research Institutes, Biotechnology Companies, and Academic and Research Institutes.

What are the geographies covered in the Oncolytic Adenovirus Market?

In 2024, North America was the largest region in the oncolytic adenovirus market, with Asia-Pacific anticipated to be the fastest-growing region in the forecast period. The identified regions covered in this report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

Email: [info@tbrc.info](mailto:info@tbrc.info)

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Oliver Guirdham

The Business Research Company

+44 20 7193 0708

[info@tbrc.info](mailto:info@tbrc.info)

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