

# GMP Virus Manufacturing

## Virus Manufacturing Experts

ABL has a long history of development and manufacturing of preclinical and clinical virus-based biologics. From 30 years of groundbreaking work with HIV to supporting the latest gene therapy technologies, ABL offers a comprehensive portfolio of services for the effective design, development, manufacturing and analytical testing of vaccine and vaccine and viral vector products.

## Adherent and Suspension Platforms



Single-use bioreactor systems



iCELLis® 500+ and iCELLis® Nano systems



HYPERStack, roller bottles, cell factories



## Scientific Depth

Experts positioned across the organization to ensure an efficient technology transfer process and analytical method development.



## **Operational Excellence**

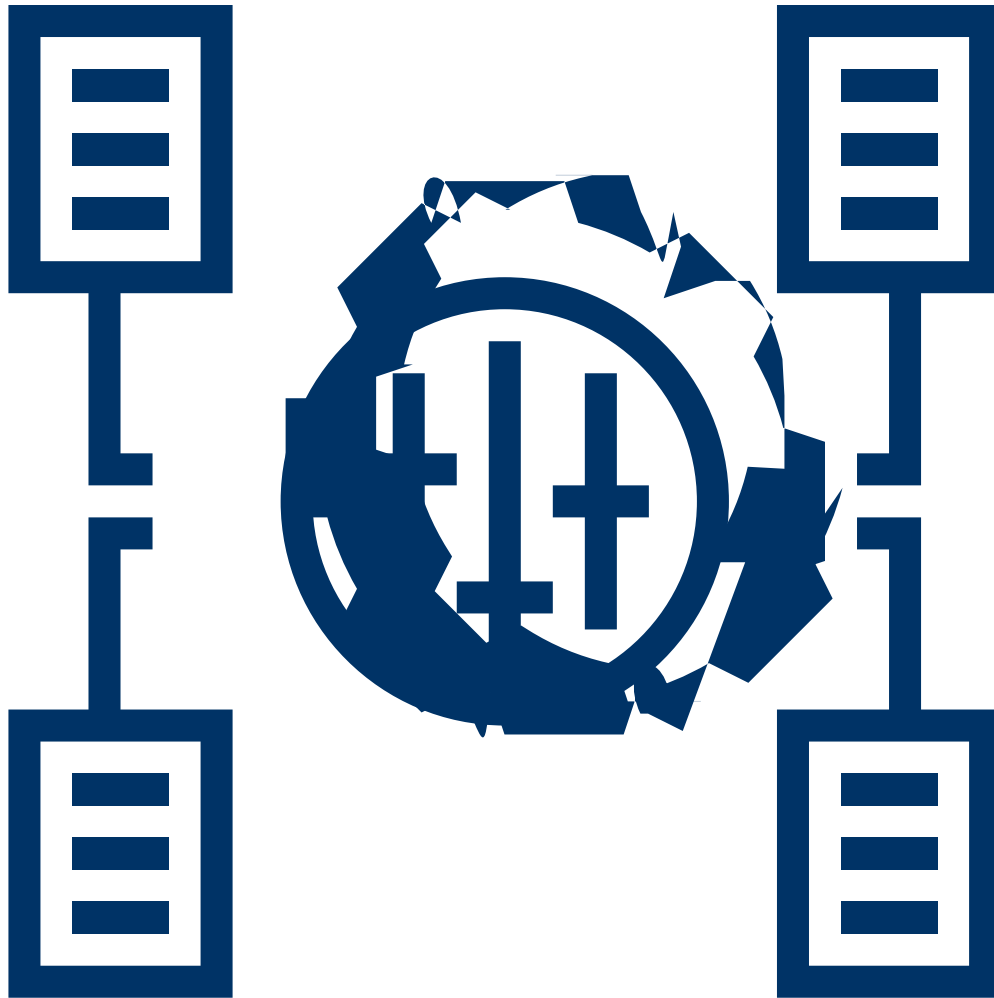
Viral vector specialists optimize, scale and manufacture regulatory compliant supply of your innovative product.



## **Speed**

Streamlined approach to support product design and execution from bench to market.





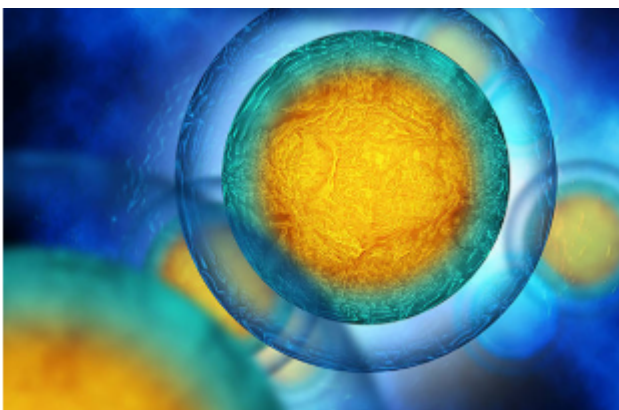
## **Flexibility**

Nimble organization with the right resources in place on your team to meet time, scale and technical challenges.

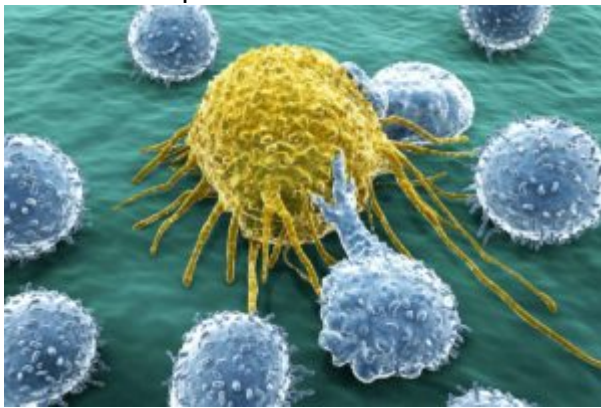
## **Virus Manufacturing Experts**

### **Our product types**

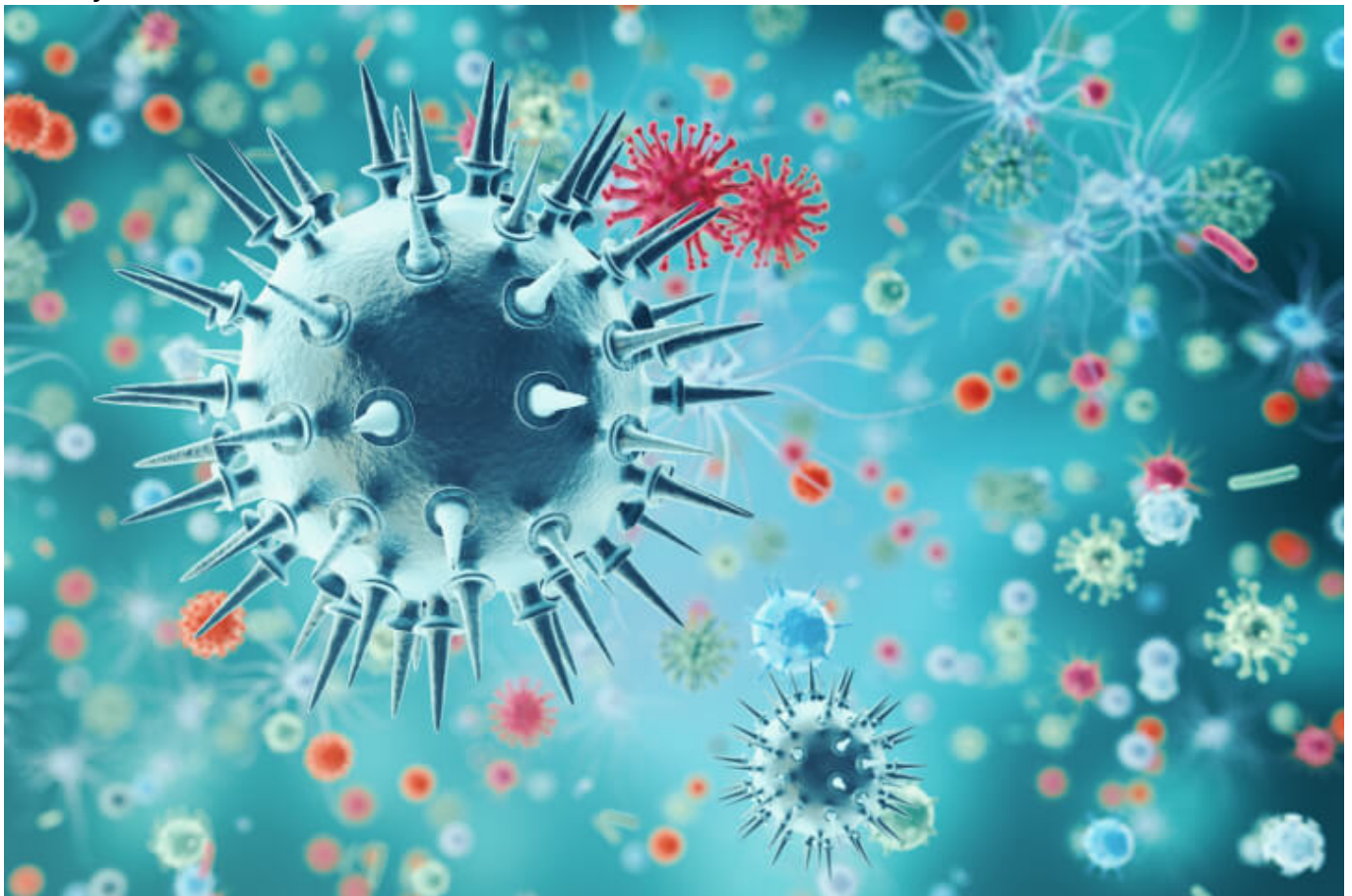
We are a biomanufacturing corporation with facilities located near the nation's capital, suites and production platforms focused on accelerating your life changing innovation to market.



Gene Therapies



Oncolytics



Vaccines



Immunotherapies

**Experience producing a broad range of viruses and viral products**

**Gene therapies | Vaccines | Oncolytics | Immunotherapies**



**HSV-1**



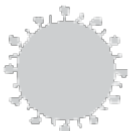
**Vaccinia  
(and MVA)**



**VLPs**

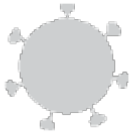


**Zika**

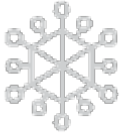


**CMV**





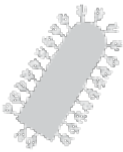
## **Lentivirus (and Retrovirus)**



## **Adenovirus**



## **AAV**



## **VSV**

**Start the discussion with us to see how we can  
forge a powerful partnership.**

contact us today