

# **GMP Manufacturing Services**

**Utilizing custom design and development  
to achieve regulatory approval**

**ABL has a long and successful history as a CDMO providing contract development and GMP biomanufacturing services to the biotech and biopharmaceutical industry. Our primary focus is viral vector manufacturing and we operate GMP facilities in the U.S. and Europe to meet your global regulatory and redundancy requirements. ABL offers a comprehensive portfolio of effective design, development, production and testing services for a broad range of virus products.**

**The success of your novel product starts with ABL**

**ABL's 30+ years of viral-vector development and GMP production accelerates your novel gene therapies, vaccines, oncolytics and immunotherapies.**

**30+**

**YEARS OF EXPERIENCE**

**200+**

**CLIENTS**

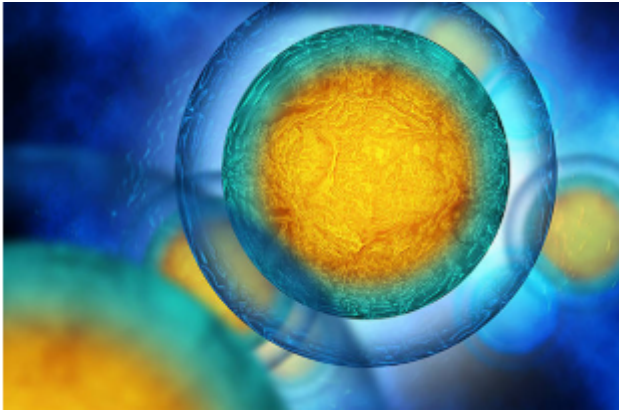
**250+**

**GMP LOTS**

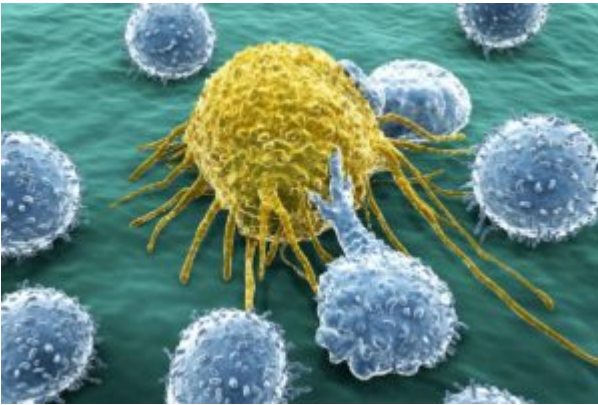
## **Viral Vector Manufacturing Experts**

### **Our product types**

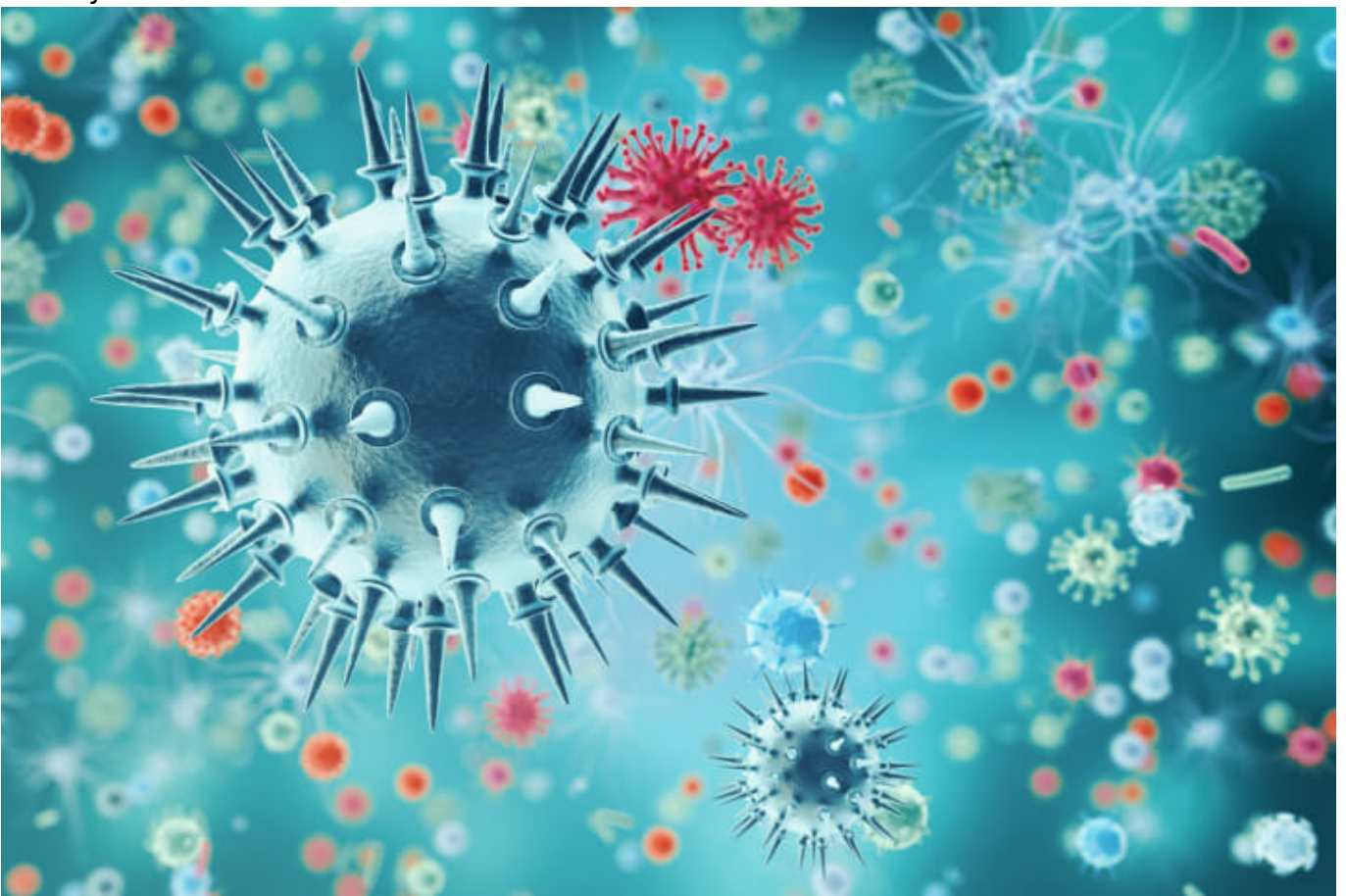
**We are a biomanufacturing corporation with global facilities, suites and production platforms focused on accelerating your life changing innovation to market**



Gene Therapies



Oncolytics



Vaccines



Immunotherapies

**Experience producing numerous viral vectors for  
Gene therapies | Vaccines | Oncolytics |  
Immunotherapies**



**HSV-1**



**Vaccinia  
(and MVA)**



**VLPs**



## **Zika**



## **CMV**



## **Lentivirus (and Retrovirus)**



## **Adenovirus**



## **AAV**



## **VSV**

**When developing life changing innovations,  
the right strategic partner makes the difference**

**Comprehensive GMP Manufacturing Support**

**Process design**

**Process feasibility**

**Upstream and/or downstream process development**

**Assay development and qualification**



**Master and working cell and virus banks**

**Scale-up and engineering run(s)**

**GMP bulk drug substance**

**GMP aseptic fill/finish**

**Analytical lot release testing**

**ICH stability testing**

**Chemistry, manufacturing and controls support**

**Quality systems**



ABL's U.S. location adheres to Good Manufacturing Practice (GMP) standards and is ISO 9001 accredited. ABL Europe's facilities are regularly inspected by the French regulatory authorities (ANSM) and is a GMP licensed site for the manufacture of drug substance and aseptically prepared small volume liquid (drug product) viral products in accordance with EMA regulations.

## **Global GMP Manufacturing Facility**

Our U.S. facility is available for GMP production of clinical, pre-clinical trials, and commercial material with iCELLis 500+ platform ready for use. See our [New Capabilities](#).





**Rockville, MD, USA**

## **Learn about our biomanufacturing services**

- Viral manufacturing
- Process development
- Aseptic fill/finish
- Biologics and QC testing
- Oncolytics

In addition to the services listed above, ask about our protein manufacturing and GMP antibody production services.

**Specialist ready to execute. Let's start the discussion today.**

contact us today