Combining proven experience with state-of-the-art technologies, IDT Biologika ensures reliable manufacturing of vaccines and gene & immune therapeutics across multiple platforms.
Alongside a **broad range of viral vectors** - including MVA, Adeno Associated Virus, Adenovirus, Measles Virus, Herpes Simplex Virus and Lentivirus - we provide comprehensive expertise in cell lines, including **proprietary cell lines and own seed cell banking services**. **Did you know that all our platforms come with full Freedom to Operate?**

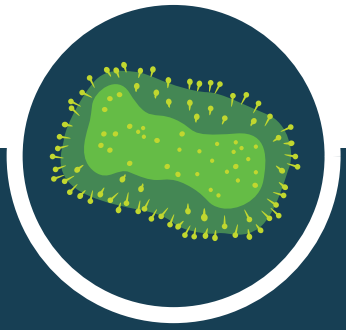
IDT Biologika, as part of SK bioscience, is a globally operating contract development and manufacturing organization.
We support customers seamlessly from early development through to clinical and commercial supply, offering fully integrated end-to-end manufacturing platforms under one roof.

Pox Virus, VSV and HSV Platforms

Pox Virus
incl. MVA (Modified Vaccinia Ankara)

30+ years of expertise for vaccines and oncolytic applications

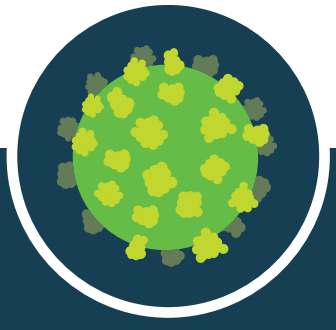
>100 clinical cGMP batches manufactured



VSV
Vesicular Stomatitis Virus

15+ years of expertise for vaccines and oncolytic applications

>10 clinical batches



HSV
Herpes Simplex Virus

8 years of expertise for gene therapies and oncolytic applications

Trusted pioneer: Manufacturer of the first commercial HSV-based oncolytic virus (since 2017)

Pox Virus, VSV and HSV Manufacturing

Scalable Manufacturing Platforms

- CS40
- iCELLis 500 and Univercells fixed bed bioreactors
- Stirred tank reactors with microcarrier-based systems
- Multiple GMP filling lines: glass vials, CZ vials, prefilled syringes (PFS)

Cell Banks & Seed Systems

- Freedom-to-Operate: DF-1 and Vero (WHO) Master and Working Cell Banks
- Fully characterized and GMP released
- Automated cell and virus bank filling systems

Analytical & QC Capabilities

- hcDNA and HCP assays
- FACS-based viral titration
- Adventitious Virus Testing (AVT) via NGS incl. bioinformatic analysis
- Retrovirus testing (PERT assay)
- Mycoplasma and Mycobacteria PCR
- Impurity testing (e.g., BSA-ELISA, Nuclease-ELISA)
- Protein Profiling (CE)
- Particle characterization (SEC-HPLC/MALS, DLS)
- Cell-based potency assays and PCR/NGS-driven methods

Regulatory Compliance

- Inspected and approved by FDA, EMA, and other global authorities

End-to-End Services

Process and Analytical Development

Drug Substance

Drug Product

Visual Inspection

Secondary Packaging

Quality Control

GMP Release Testing

Tech Transfer and PPQ Readiness

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