

Cell and Gene Therapy & Viral Vector Platforms

Building on 35 Years of Scientific Expertise and Innovation

End-to-End Solutions for Viral Vectors & Advanced Therapies

iBET designs, optimizes, and transfers cell and gene therapy products and viral vectors – from early concepts to robust, scalable processes. iBET supports partners across vector engineering, cell and substrate development, upstream and downstream workflows, and manufacturability assessment, all rooted in deep scientific expertise and regulatory-aligned analytics. We provide an integrated, industry-aligned framework to advance ATMPs and viral vector-based products from idea to manufacturable reality.



What We Offer

- > Scalable, industry-aligned cell and gene therapy and viral-vector platforms integrating vector engineering, cell/substrate development, and upstream-downstream bioprocessing.
- > Over 35 years of bioprocess and analytical expertise to deliver robust, manufacturable AAV, LV, AdV and cell-therapy solutions.



Why Work With Us?

- > Credible, decision-ready data, realistic timelines, and workflows aligned with pharma and biotech needs.
- > Wide-range support across gene therapies, viral vectors and cell therapies.
- > Multi-omics, imaging and functional analytics, combined with human-relevant model systems, that provide deeper mechanistic insight and stronger translational predictivity.



Application for Pharma, Biotech & Advanced Therapies

- > Engineering & optimization of AAV, LV, AdV and emerging vector platforms.
- > Productivity, manufacturability & recovery troubleshooting across the process chain.
- > Bioreactor based expansion, differentiation & intensification for advanced cell therapies.
- > Tropism, efficacy, immunogenicity & safety evaluation in CNS, liver, immune competent and tumor like models.



What Makes iBET Different

- > Long standing pharma collaborations across AAV, LV, AdV and next gen vectors.
- > Deep expertise in cell therapies (CAR-T, iPSC, primary & patient specific)
- > Human relevant CNS, hepatic, immune & tumor models enhancing translational confidence.
- > Integrated multi-omics, imaging & functional assays for potency, MoA and safety insights.
- > Partnership driven approach enabling flexibility, co-development and dependable data packages.

How can we work together?

- > Feasibility studies (manufacturability, process risks)
- > Custom vector or producer cell line development
- > Mechanistic studies & analytical characterization
- > End-to-end bioprocess development for upstream/downstream
- > Tech-transfer preparation for CDMOs and manufacturing partners



[Check our toolboxes for scientific insights and data](#)