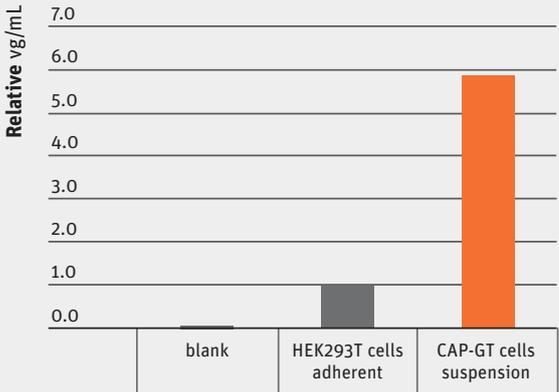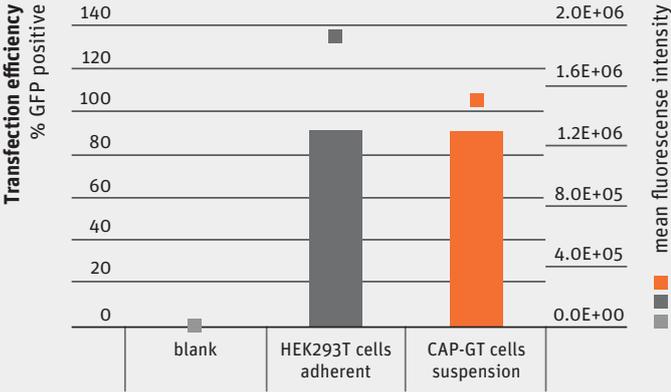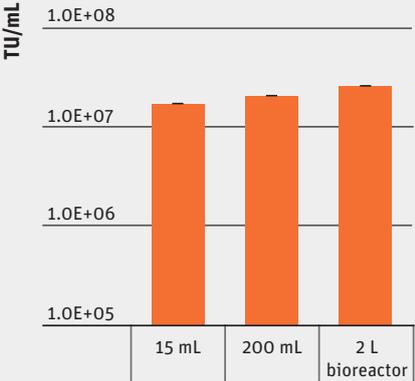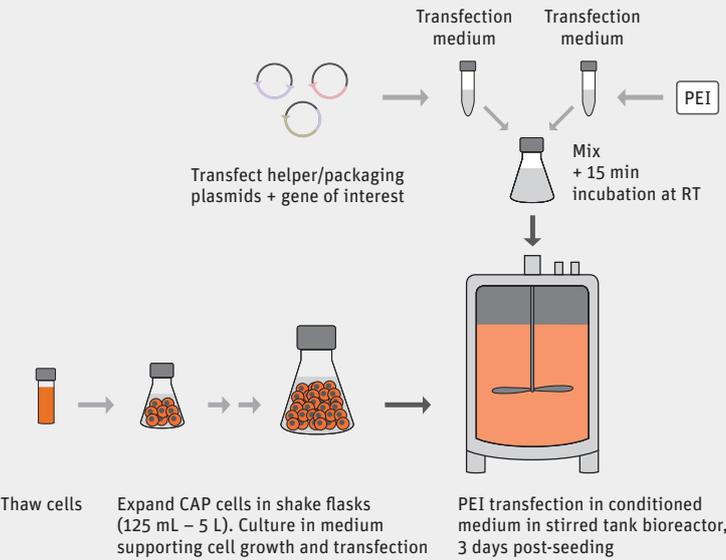# Transient Lentivirus Production

Scalable suspension system for high titer transient lentivirus production in stirred tank bioreactors.


PEI-mediated transfection efficiencies and corresponding relative lentiviral vector titers in CAP-GT and adherent HEK293T cells.

Highly scalable process for transient LV vector production

Development of a fully scalable protocol for transient transfection without medium exchange yielding high-titer lentiviral production in stirred tank bioreactor.
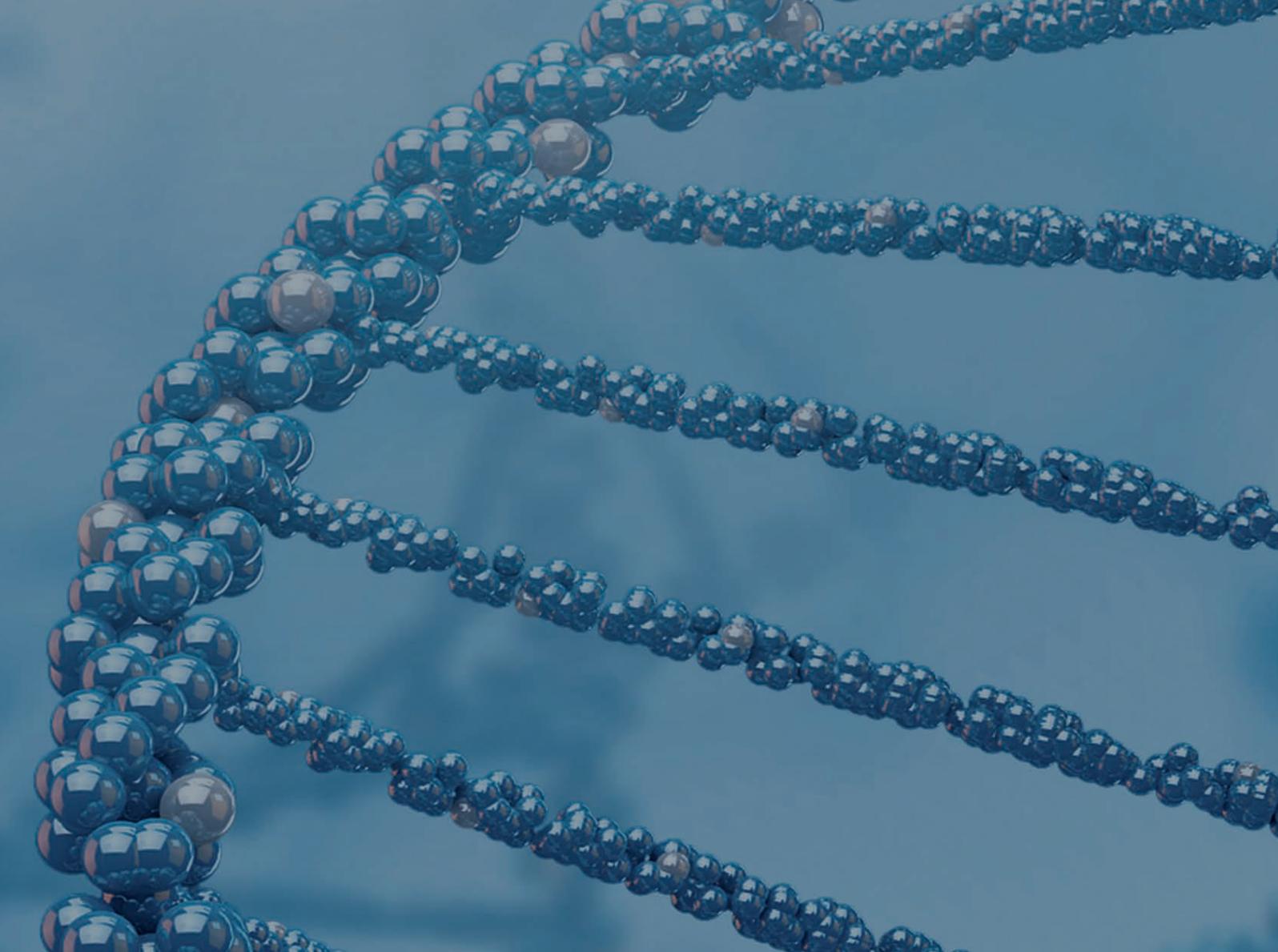
CEVEC is a center of expertise for the production of biopharmaceuticals using a unique human cell-based expression system.

CAP-GT is a fully scalable manufacturing platform for viral vector production. CEVEC has successfully developed CAP-GT suspension cell-derived viral packaging cell lines which enable better scale-up and competitive production costs when compared to adherent cell culture systems. CAP-GT suspension cell lines grow to high cell densities and show excellent productivity for a broad range of viruses. Gene therapy vectors such as lentivirus (LV), adenovirus (AV) and adeno-associated virus (AAV) can be produced at industrial scale.

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