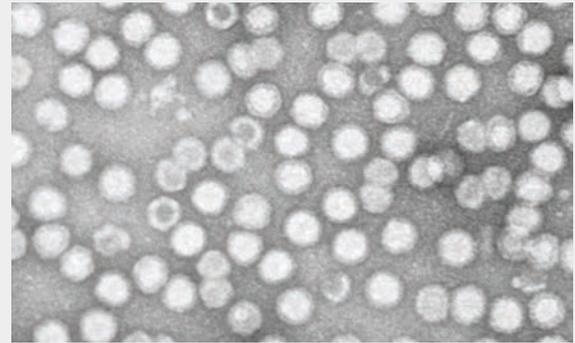
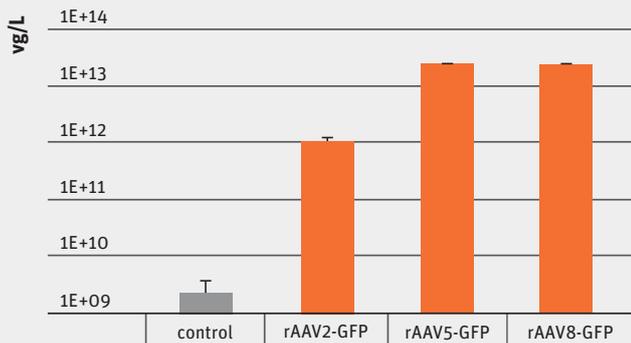


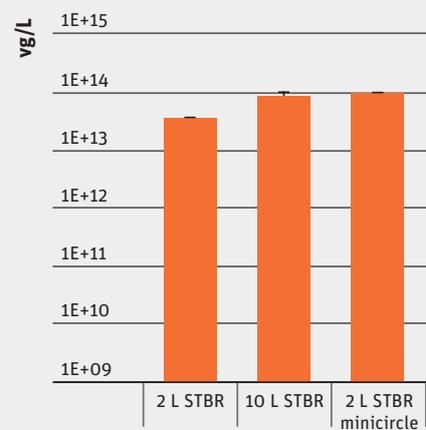
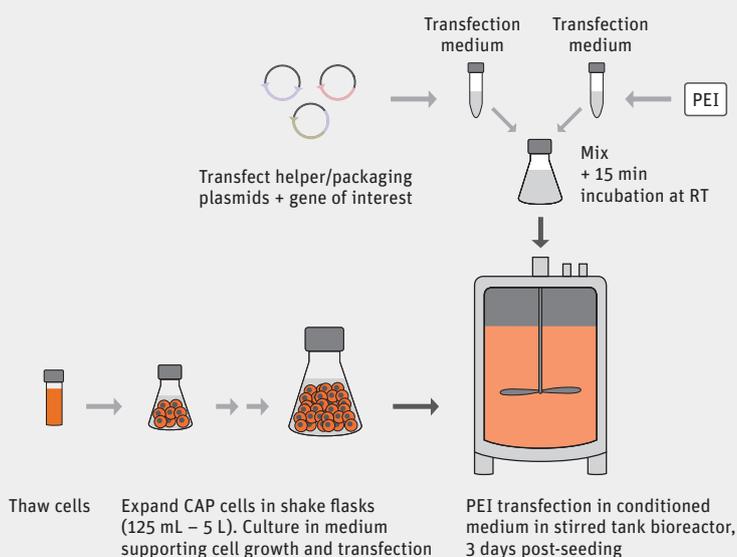
# Transient AAV Production

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

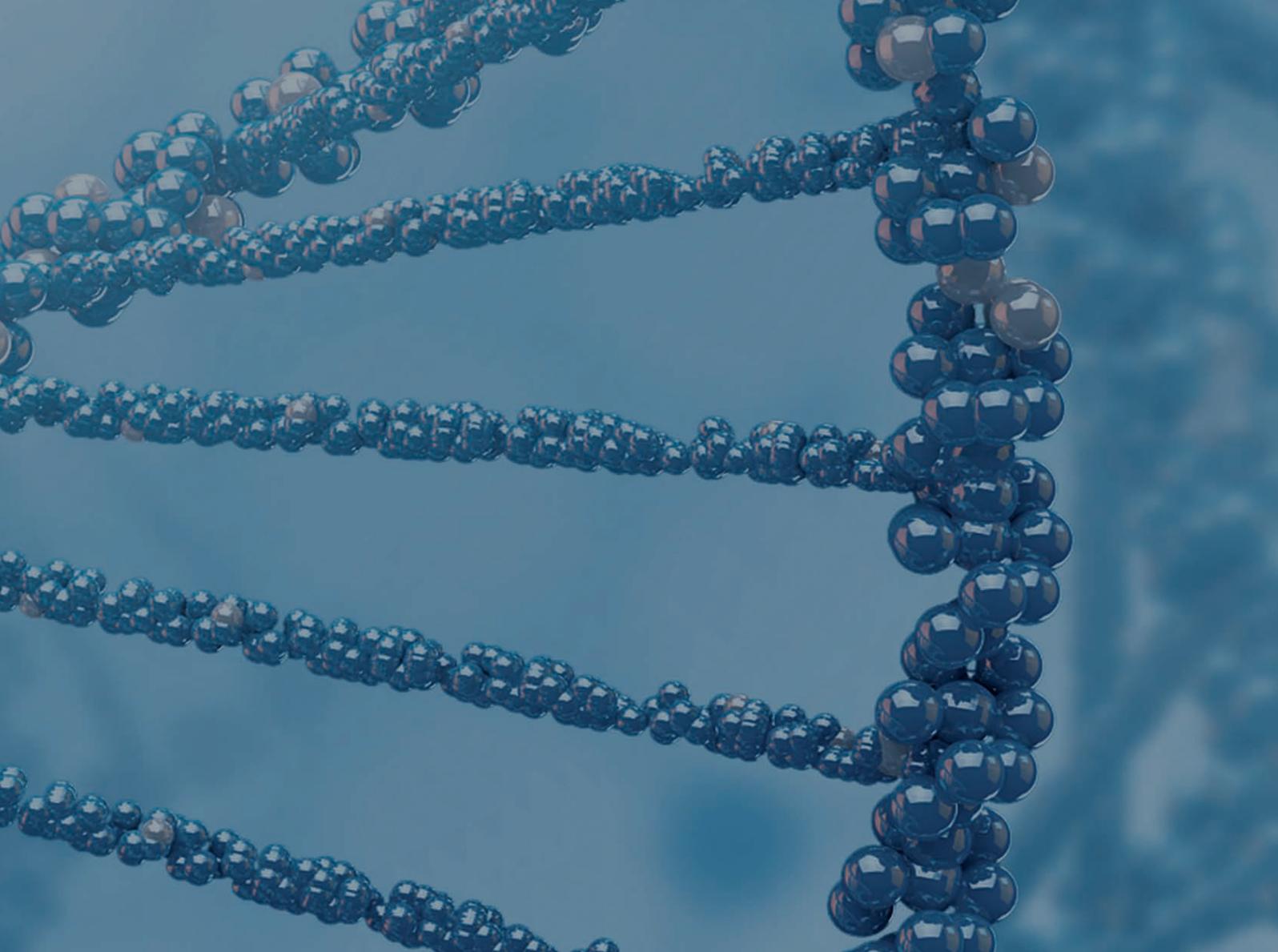


AAV-titers for different serotypes from crude harvests and before process optimization, obtained by standard transient, PEI-mediated transfection of CAP-GT cells with corresponding 2-plasmid system (PlasmidFactory) and electron microscopic image of AAV2 particles produced with CAP-GT cells (courtesy of Paragon Bioservices).

## Highly scalable process for transient AAV vector production



Development of a fully scalable protocol for transient transfection without medium exchange yielding high-titer AAV8 production in stirred tank bioreactor (STBR) using PlasmidFactory's 2-plasmid system and minicircle approach.



**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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