

- ▶ Based on widely used BHK-21
- ▶ Existing plasmids and transfection processes for rAAV production
- ▶ BHK origin avoids ethical concerns

Agathos will continue to develop and optimize AE1-BHK for biomanufacturing and research use, along with other cell lines and genetic modifications, to address both technological and ethical challenges.



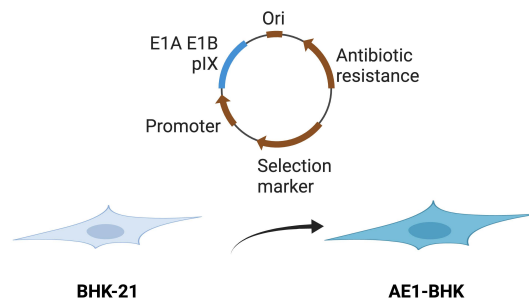
Contact us today to gain access to AE1-BHK and other cell lines, and collaborate on their development.



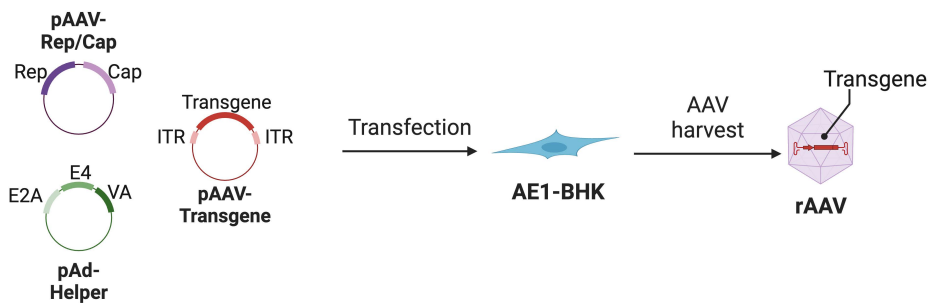
Download poster from ASGCT 2023

## Cell lines for research, biomanufacturing and viral vector production

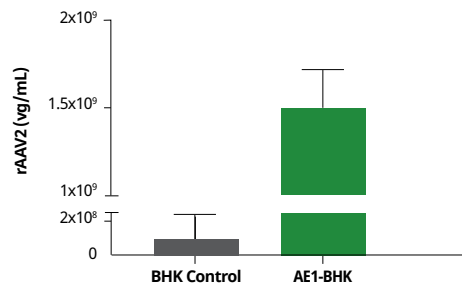
Agathos AE1-BHK has been developed for recombinant adeno-associated virus (rAAV) production and other biomanufacturing and research applications that benefit from a mammalian cell expressing the adenovirus E1 gene.



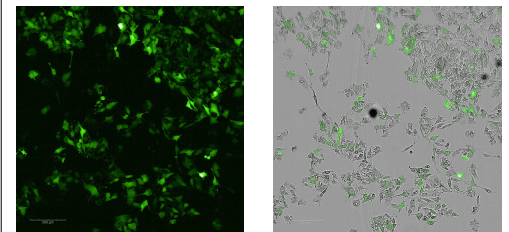
AE1-BHK was developed by transfecting adenovirus E1 genes with selective pressure using hygromycin.



Using existing plasmids and triple transfection techniques AE1-BHK was used to produce rAAV.



dPCR quantification of rAAV2 after triple transfection of BHK control (below level of detection for the assay) and AE1-BHK cells.



Fluorescent (left) and fluorescent merged with bright field (right) images of HepG2 cells transduced with rAAV2-GFP from AE1-BHK.



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