

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

BHK-21

RRID:CVCL_1914

Type: Cell Line

Proper Citation

CLS Cat# 603126, RRID:CVCL_1914

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1914

Proper Citation: CLS Cat# 603126, RRID:CVCL_1914

Description: Cell line BHK-21 is a Spontaneously immortalized cell line with a species of origin Mesocricetus auratus (Golden hamster)

Sex: Male

Defining Citation: [PMID:1263417](#), [PMID:6298990](#), [PMID:14207308](#), [PMID:25903999](#), [PMID:34737324](#)

Comments: Miscellaneous: Not distributed parent cell line., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Category: Spontaneously immortalized cell line

Organism: Mesocricetus auratus (Golden hamster)

Name: BHK-21

Synonyms: BHK 21, BHK21, Baby Hamster Kidney-21, Baby Hamster Kidney 21, Baby Hamster Kidney from litter No. 21, BHK

Cross References: EFO:EFO_0022747, ATCC:CRL-6281, ATCC:CRL-6282, CLS:603126, Ubigene:YC-A049, Wikidata:Q4838438

ID: CVCL_1914

Vendor: CLS

Catalog Number: 603126

Record Creation Time: 20260408T072620+0000

Record Last Update: 20260905T185248+0000

Ratings and Alerts

No rating or validation information has been found for BHK-21.

Warning: Discontinued: ATCC; CRL-6281

Miscellaneous: Not distributed parent cell line., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Warning: Discontinued: ATCC; CRL-6282

Miscellaneous: Not distributed parent cell line., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 3877 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lv B, et al. (2026) ARF-like GTPase 8B orchestrates lipophagy and exocytosis to drive single-stranded RNA virus replication. Journal of translational medicine, 24(1).

Niu K, et al. (2026) Poxvirus A52 protein subverts autophagy flux by blocking autophagosome-lysosome fusion to promote viral replication. PLoS pathogens, 22(4), e1014137.

Ren T, et al. (2026) Defining the impact of Getah virus envelope protein glycosylation site mutations on viral replication, host adaptation, virulence, and immune evasion. PLoS pathogens, 22(4), e1014126.

Kassegn TA, et al. (2026) NAD⁺ Homeostasis Attenuates Japanese Encephalitis Virus Infection Progression. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(4), e71526.

Zhang Y, et al. (2026) Alphaviral Capsid Proteins Inhibit Stress Granule Assembly via Competitive RNA Binding With G3BP1. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(20), e17009.

Neog S, et al. (2026) Sialic acid biophore directed design of enhanced affinity HN protein from Newcastle disease virus. The FEBS journal.

Li L, et al. (2026) Viral protease-initiated lytic cell death as a universal antiviral mRNA therapy. Cell.

Louloudes-Lázaro A, et al. (2025) Double-stranded RNA orbivirus disrupts the DNA-sensing cGAS-sting axis to prevent type I IFN induction. *Cellular and molecular life sciences* : CMLS, 82(1), 55.

Shao R, et al. (2025) ZAP inhibits double-stranded RNA virus infection by degrading negative-strand RNA and blocking the elongation phase of viral protein synthesis. *Cell reports*, 45(1), 116742.

Scott MC, et al. (2025) Deep profiling deconstructs features associated with memory CD8+ T cell tissue residence. *Immunity*, 58(1), 162.

Martínez-Pérez M, et al. (2025) A Fluorescent Reporter Virus Toolkit for Interrogating Enterovirus Biology and Host Interactions. *Viruses*, 17(6).

De Leeuw I, et al. (2025) Influence of inoculation dose and route on EHDV-8 distribution and the induced immune response in experimentally infected cattle. *Veterinary research*, 56(1), 222.

Shirasaka Y, et al. (2025) A 20-amino-acid Cardiovirus protein exhibits cytokine-mimicry activity to regulate viral replication. *Cell reports*, 45(1), 116740.

Zhao H, et al. (2025) Evolution of a fuzzy ribonucleoprotein complex in viral assembly. *eLife*, 14.

Liu C, et al. (2025) Boosting mRNA Therapeutics: pHLP Enhances Endosomal Escape and Gene Expression in Lipid Nanoparticle. *Advanced healthcare materials*, e02567.

Wang X, et al. (2025) DENV-2 3'UTR dumbbell structure is a critical factor for viral infection and dissemination in *Aedes mosquito*. *Journal of virology*, 99(8), e0075825.

Xie C, et al. (2025) Clinical Evaluation of M1-c6v1 Oncolytic Virus Combined with Camrelizumab and Apatinib in Advanced Hepatocellular Carcinoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(20), 4288.

Li W, et al. (2025) Comparative Function Analysis of Self-Amplifying mRNA and Self-Amplifying DNA. *Chembiochem : a European journal of chemical biology*, 26(13), e202500110.

Zhao H, et al. (2025) Evolution of a fuzzy ribonucleoprotein complex in viral assembly. *bioRxiv : the preprint server for biology*.

Xia X, et al. (2024) RNA genome packaging and capsid assembly of bluetongue virus visualized in host cells. *Cell*, 187(9), 2236.