

Resource Summary Report

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CHO

RRID:CVCL_0213

Type: Cell Line

Proper Citation

CLS Cat# 603479, RRID:CVCL_0213

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0213

Proper Citation: CLS Cat# 603479, RRID:CVCL_0213

Description: Cell line CHO is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Defining Citation: [PMID:4120885](#), [PMID:13598821](#), [PMID:34050613](#)

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: CHO

Synonyms: Chinese Hamster Ovary, CHO-ori

Cross References: BTO:BTO_0000246, CLO:CLO_0002421, EFO:EFO_0022760, MCCL:MCC:0000102, CLDB:cl721, CLDB:cl722, CLDB:cl724, CCRID:1101HAM-PUMC000116, CCRID:5301HAM-KCB83004YJ, ChEMBL-Cells:ChEMBL3308072, ChEMBL-Targets:ChEMBL613853, CLS:603479, ECACC:85050302, IBRC:C10028, ICLC:ATL95003, KCB:KCB 82012YJ, KCB:KCB 83004YJ, Lonza:755, MeSH:D016466, NCBI_Iran:C111, PubChem_Cell_line:CVCL_0213, Wikidata:Q56646

ID: CVCL_0213

Vendor: CLS

Catalog Number: 603479

Record Creation Time: 20220624T070405+0000

Record Last Update: 20260809T003353+0000

Ratings and Alerts

No rating or validation information has been found for CHO.

No alerts have been found for CHO.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 733 mentions in open access literature.

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

Deiktakis M, et al. (2026) NGF promotes, in an autocrine-paracrine manner, metabolic and anti-inflammatory pathways in human and mouse adipocytes. The Journal of clinical endocrinology and metabolism, 111(7), e1892.

Ravazza D, et al. (2026) Quantitative Mass Spectrometry-Based Biodistribution of Monoclonal Antibodies: An Alternative to Radio-Biodistribution. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(38), e20265.

Pfister SK, et al. (2026) Immunocompetent Mouse Models of Cancer Reveal the Superiority of Cellular Targets over Stromal Targets for the Development of Anticancer Bispecific Antibodies. Molecular cancer therapeutics, 25(2), 310.

Lee HS, et al. (2026) Zinc-Mediated Lysosomal Destabilization Links Mitochondrial Damage to Neuronal Death in a Cellular MPP+ Model of Parkinson's Disease. Journal of neurochemistry, 170(2), e70363.

El Sahili A, et al. (2026) Antibody-drug-conjugates prepared with Peptide Asparaginyl Ligases achieve strong in vitro and in vivo anti-tumor activity. Molecular cancer therapeutics.

Wu S, et al. (2026) MKOP002, a novel bifunctional μ -opioid decapeptide with G protein-biased μ -opioid agonism, exhibits antinociceptive and antipruritic activities. Biochemical pharmacology, 246, 117755.

Chen D, et al. (2025) Dnajc5b contributes to male fertility by maintaining the mitochondrial functions and autophagic homeostasis during spermiogenesis. Cellular and molecular life sciences : CMLS, 82(1), 69.

Chen B, et al. (2025) Upregulation of hepatic flavin-containing monooxygenase 3 by increased corticosterone via glucocorticoid receptor contributes to gestational diabetes mellitus. Drug metabolism and disposition: the biological fate of chemicals, 53(9), 100133.

Gregory KS, et al. (2025) Molecular basis of domain-specific angiotensin I-converting enzyme inhibition by the antihypertensive drugs enalaprilat, ramiprilat, trandolaprilat,

quinaprilat and perindoprilat. The FEBS journal.

Li C, et al. (2025) NIR Ratiometric Fluorescent Antibody-Drug Conjugate for Metastatic Ovarian Cancer Theranostics and Treatment Response Monitoring. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e16607.

Dasgupta U, et al. (2025) Cu₃N-Fe nanocube-based electrochemical sensing of cancer metabolites with minute-scale response time. *Materials horizons*.

Rotta G, et al. (2025) Combinatorial treatment with upadacitinib abrogates systemic toxicity of a tumor-targeted IL-2 fusion protein. *Journal for immunotherapy of cancer*, 13(5).

Zhang S, et al. (2025) Elucidation of the zinc binding site in KCNQ channels. *British journal of pharmacology*.

Asano S, et al. (2025) Dimerisation of the VIP receptor VIPR2 is essential to its binding VIP and G α i proteins, and to its functions in breast cancer cells. *British journal of pharmacology*, 182(15), 3612.

Mineva ND, et al. (2024) A Novel Class of Human ADAM8 Inhibitory Antibodies for Treatment of Triple-Negative Breast Cancer. *Pharmaceutics*, 16(4).

Bosch R, et al. (2024) Characterisation of cotadutide's dual GLP-1/glucagon receptor agonistic effects on glycaemic control using an in vivo human glucose regulation quantitative systems pharmacology model. *British journal of pharmacology*, 181(12), 1874.

Kutzsche J, et al. (2024) An orally available Cav2.2 calcium channel inhibitor for the treatment of neuropathic pain. *British journal of pharmacology*, 181(12), 1734.

Mihlan M, et al. (2024) Neutrophil trapping and necrocytosis, mast cell-mediated processes for inflammatory signal relay. *Cell*, 187(19), 5316.

Schoellerman J, et al. (2024) Characterization of tritiated JNJ-GluN2B-5 (3-[³H] 1-(azetidin-1-yl)-2-(6-(4-fluoro-3-methyl-phenyl)pyrrolo[3,2-b]pyridin-1-yl)ethanone), a high affinity GluN2B radioligand with selectivity over sigma receptors. *Journal of neurochemistry*, 168(9), 2654.

Moquist PN, et al. (2024) Reversible Chemical Modification of Antibody Effector Function Mitigates Unwanted Systemic Immune Activation. *Bioconjugate chemistry*, 35(6), 855.