Resource Summary Report

Generated by RRID on May 25, 2025

Cellosaurus

RRID:SCR_013869
Type: Tool

Proper Citation

Cellosaurus (RRID:SCR_013869)

Resource Information

URL: https://www.cellosaurus.org/

Proper Citation: Cellosaurus (RRID:SCR_013869)

Description: Database of all cell lines used in biomedical research which include immortalized cell lines, naturally immortal cell lines (stem cells), widely used and distributed finite life cell lines, vertebrate cell lines (majority being human, mouse, and rat), and invertebrate (insects and ticks) cell lines, as well as cell line synonyms. Each cell line is provided with the following information: the recommended name (the name which appears in the original publication), a list of synonyms, a unique accession number, comments on a number of topics including misspellings and gene transfection, information on the tissue/organ origin with the UBERON code, the NCI Thesaurus or Orphanet ORDO code for the disease(s) the individual suffered from (for cancer and human genetic disease lines only), the species of origin, the parent cell line, cross-references of sister cell lines, the sex of the individual, the category in which the cell line belongs (Adult stem cell; Cancer cell line; Embryonic stem cell; Factor-dependent cell line; Finite cell line; Hybrid cell line; Hybridoma; Induced pluripotent stem cell; Spontaneously immortalized cell line; Stromal cell line; Telomerase immortalized cell line; Transformed cell line; Undefined cell line type), web links, publication references, and/or cross-references to cell line catalogs/collections, ontologies, cell lines databases/resources, and to databases that list cell lines as samples.

Resource Type: data or information resource, database

Defining Citation: PMID:29805321

Keywords: RIN, Resource Information Network, cell lines, thesaurus, controlled vocabularies, ontologies

Funding: Swiss Institute of Bioinformatics

Availability: Free, Freely available

Resource Name: Cellosaurus

Resource ID: SCR_013869

Alternate IDs: nif-0000-30108

License: CC BY-NC-ND

License URLs: https://www.expasy.org/terms-of-use

Record Creation Time: 20220129T080318+0000

Record Last Update: 20250525T032540+0000

Ratings and Alerts

No rating or validation information has been found for Cellosaurus.

No alerts have been found for Cellosaurus.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 114 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Lavallée É, et al. (2025) Mitochondrial signatures shape phenotype switching and apoptosis in response to PLK1 inhibitors. Life science alliance, 8(3).

Škuta C, et al. (2025) ECBD: European chemical biology database. Nucleic acids research, 53(D1), D1383.

Albuquerque PBS, et al. (2025) Combining in silico and in vitro approaches for understanding the mechanism of action of the galactomannan extracted from Cassia grandis seeds against colorectal cancer. International journal of biological macromolecules, 284(Pt 1), 137909.

Aguzzi C, et al. (2024) Anticancer effect of minor phytocannabinoids in preclinical models of

multiple myeloma. BioFactors (Oxford, England), 50(6), 1208.

Xie W, et al. (2024) ISG15 promotes tumor progression via IL6/JAK2/STAT3 signaling pathway in ccRCC. Clinical and experimental medicine, 24(1), 140.

Kovács Á, et al. (2024) Novel method for detecting frequent TERT promoter hot spot mutations in bladder cancer samples. Clinical and experimental medicine, 24(1), 192.

Gilsbach BK, et al. (2024) Intramolecular feedback regulation of the LRRK2 Roc G domain by a LRRK2 kinase-dependent mechanism. eLife, 12.

Luty M, et al. (2024) Tubulin-Targeted Therapy in Melanoma Increases the Cell Migration Potential by Activation of the Actomyosin Cytoskeleton?An In Vitro Study. ACS biomaterials science & engineering, 10(11), 7155.

Kanaoka D, et al. (2024) FPFT-2216, a Novel Anti-lymphoma Compound, Induces Simultaneous Degradation of IKZF1/3 and CK1? to Activate p53 and Inhibit NF?B Signaling. Cancer research communications, 4(2), 312.

Munquad S, et al. (2024) Uncovering the subtype-specific disease module and the development of drug response prediction models for glioma. Heliyon, 10(5), e27190.

Huang W, et al. (2024) Eriodictyol inhibits the motility, angiogenesis and tumor growth of hepatocellular carcinoma via NLRP3 inflammasome inactivation. Heliyon, 10(3), e24401.

Liu Y, et al. (2024) CircSEMA6A upregulates PRRG4 by targeting MiR-520h and recruiting ELAVL1 to affect cell invasion and migration in papillary thyroid carcinoma. Archives of endocrinology and metabolism, 68, e210541.

Ahn JH, et al. (2024) Morphologic and genomic changes of thyroid cancer cell lines exposed to conditions of simulated microgravity. NPJ microgravity, 10(1), 8.

Mollick T, et al. (2024) Retinoblastoma vulnerability to combined de novo and salvage pyrimidine ribonucleotide synthesis pharmacologic blockage. Heliyon, 10(1), e23831.

Ma R, et al. (2024) Hsa_circ_0000092 up-regulates IL24 by SMC1A to induce macrophages M2 polarization. Heliyon, 10(17), e36517.

Pigg HC, et al. (2024) The unique Pt(II)-induced nucleolar stress response and its deviation from DNA damage response pathways. The Journal of biological chemistry, 300(11), 107858.

Kunkel MW, et al. (2024) HTS384 NCI60: The Next Phase of the NCI60 Screen. Cancer research, 84(15), 2403.

Kailayangiri S, et al. (2024) Protocol for assessing GD2 on formalin-fixed paraffin-embedded tissue sections using immunofluorescence staining. STAR protocols, 5(3), 103199.

Smoots SG, et al. (2024) Overcoming doxorubicin resistance in triple-negative breast cancer

using the class I-targeting HDAC inhibitor bocodepsin/OKI-179 to promote apoptosis. Breast cancer research : BCR, 26(1), 35.

Cheng F, et al. (2024) A pair of primary colorectal cancer-derived and corresponding synchronous liver metastasis-derived organoid cell lines. Aging, 16(5), 4396.