

Resource Summary Report

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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, RRID Community Authority,

Funding: Swiss Institute of Bioinformatics

Availability: Free, Freely available

Resource Name: Cellosaurus

Resource ID: SCR_013869

Alternate IDs: nif-0000-30108, r3d100010875

Alternate URLs: <https://doi.org/10.17616/R31906>

License: CC BY-NC-ND

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

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260801T191104+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 134 mentions in open access literature.

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

Monteiro AC, et al. (2026) OPG-Producing B Cells and RANKL-Expressing T Cells Define Immune Signatures Predictive of Bone Metastases in Breast Cancer. Cancer research communications, 6(1), 85.

Raza A, et al. (2025) Enhanced Expression of Mitochondrial Magmas Protein in Ovarian Carcinomas: Magmas Inhibition Facilitates Antitumour Effects, Signifying a Novel Approach for Ovarian Cancer Treatment. Cells, 14(9).

Oredsson S, et al. (2025) Protocol for the use of Oredsson universal replacement medium for cell banking and routine culturing of monolayer and suspension cultures. STAR protocols, 6(2), 103781.

Eggebo MS, et al. (2025) TCR-engineered T cells targeting a shared β -catenin mutation eradicate solid tumors. Nature immunology.

Khan UT, et al. (2025) The unfolded protein response influences therapy outcome and disease progression in chronic lymphocytic leukaemia. Scientific reports, 15(1), 27496.

Fuso Nerini I, et al. (2025) Selective antitumor activity of Tumor Treating Fields (TTFields) involving molecular factors in cancer cells and tumor microenvironment. *Translational oncology*, 62, 102556.

Choe M, et al. (2025) Preclinical Evaluation of Folate Receptor- γ Chimeric Antigen Receptor T Cells Exhibits Highly Efficient Antitumor Activity against Osteosarcoma. *Cancer research communications*, 5(9), 1701.

Mullen KR, et al. (2025) The Vertebrate Breed Ontology: Toward Effective Breed Data Standardization. *Journal of veterinary internal medicine*, 39(4), e70133.

Dos Reis Simpronio M, et al. (2025) Unraveling the Effects of Epigallocatechin-3-gallate on Hepatocellular Carcinoma Cells: A Comparative Analysis of Monolayer vs Multicellular Tumor Spheroids. *ACS omega*, 10(31), 34238.

Du Z, et al. (2025) Fin Cells as a Promising Seed Cell Source for Sustainable Fish Meat Cultivation. *Foods (Basel, Switzerland)*, 14(12).

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

Blondeel E, et al. (2025) The Spheroid Light Microscopy Image Atlas for morphometrical analysis of three-dimensional cell cultures. *Scientific data*, 12(1), 283.

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

Noguchi R, et al. (2025) Pharmacokinomic Profiling Using Patient-Derived Cell Lines Predicts Sensitivity to Imatinib in Dermatofibrosarcoma Protuberans. *Cells*, 14(12).

Ikeda S, et al. (2025) Extraction of biological terms using large language models enhances the usability of metadata in the BioSample database. *GigaScience*, 14.

Liu H, et al. (2025) Mesoporous polydopamine@CeO₂ nanoparticles for photoacoustic-guided photothermal therapy in suppressing arthritis. *iScience*, 28(6), 112576.

Li P, et al. (2025) Toward precision oncology in LUAD: a prognostic model using single-cell sequencing and WGCNA based on a disulfidptosis relative gene signature. *Frontiers in immunology*, 16, 1581915.

Xiao Y, et al. (2025) Alectinib and SALL4-Targeted Fatty Acid Oxidation: A Strategy to Combat Oxaliplatin Resistance in Gastric Cancer. *The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology*, 36(12), 813.

Luis DD, et al. (2025) Decoding HuH-7: a comprehensive genetic and molecular portrait of a widely used hepatocellular carcinoma model. *Frontiers in cell and developmental biology*, 13, 1648639.

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.