

Resource Summary Report

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DrugBank

RRID:SCR_002700

Type: Tool

Proper Citation

DrugBank (RRID:SCR_002700)

Resource Information

URL: <http://www.drugbank.ca/>

Proper Citation: DrugBank (RRID:SCR_002700)

Description: Bioinformatics and cheminformatics database that combines detailed drug (i.e. chemical, pharmacological and pharmaceutical) data with comprehensive drug target (i.e. sequence, structure, and pathway) information.

Abbreviations: DrugBank

Resource Type: data or information resource, database

Defining Citation: [PMID:16381955](#), [PMID:21059682](#), [PMID:18048412](#)

Keywords: drug, target, pathway, structure, pharmacology, drug class, chemical, pharmaceutical, drug target, sequence, reaction, interaction, protein, proteome, blast, data analysis service, small molecule-protein, small molecule, clinical medicine, pharmacy, medicine, pharmaceutical biotechnology, cheminformatics, FASEB list

Funding: Genome Alberta ;
Genome Canada ;
GenomeQuest Inc. ;
Canadian Institutes of Health Research

Availability: Free, Freely available

Resource Name: DrugBank

Resource ID: SCR_002700

Alternate IDs: nif-0000-00417, OMICS_01580, r3d100010544

Alternate URLs: <https://doi.org/10.17616/R3V60M>

License: Different licenses for education and commercial use

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260804T043147+0000

Ratings and Alerts

No rating or validation information has been found for DrugBank.

No alerts have been found for DrugBank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5122 mentions in open access literature.

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

Gogoi A, et al. (2026) Proteomics of In Vivo models of ischemic stroke: A systematic review with a systems biological perspective. Ageing research reviews, 113, 102937.

Huoshen W, et al. (2026) Pharmacovigilance-Based Identification and Mechanistic Exploration of Periodontitis-Related Drugs. Journal of clinical periodontology, 53(1), 117.

Correia RB, et al. (2026) myAURA: a personalized health library for epilepsy management via knowledge graph sparsification and visualization. Journal of the American Medical Informatics Association : JAMIA, 33(1), 167.

Yu Z, et al. (2026) Multi-trait genome-wide analysis identified risk loci and candidate drugs for heart failure. HGG advances, 7(1), 100540.

Lv H, et al. (2026) Real-world pharmacovigilance study of drug-induced diabetes insipidus from the FAERS database. Endocrine connections, 15(1).

Luo M, et al. (2025) Ancestral Differences in Anticancer Treatment Efficacy and Their Underlying Genomic and Molecular Alterations. Cancer discovery, 15(3), 511.

Habashy KJ, et al. (2025) Pharmacokinetic Analysis of Carboplatin and Fluorescein Brain Retention following Ultrasound-Based Blood-Brain Barrier Opening. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(16), 3562.

Basharat Z, et al. (2025) Proteome mining of Yersinia Enterocolitica for drug targets and computational inhibitor identification with ADMET, anti-inflammation potential and formulation characteristics. BioData mining, 18(1), 68.

Farag A, et al. (2025) Repurposing rupatadine as topical treatment against methicillin-resistant *Staphylococcus aureus*. *AMB Express*, 15(1), 132.

Castresana-Aguirre M, et al. (2025) Computational decoding of cell-cycle phase effects on cancer hallmarks across breast cancer subtypes. *Breast cancer research : BCR*.

Richman CM, et al. (2025) Carbonic Anhydrase Inhibition Sensitizes Group 3 Medulloblastoma to Radiotherapy. *Cancer research*, 85(19), 3737.

Lyu TT, et al. (2025) The sodium-glucose co-transporter 2 inhibitor, empagliflozin, attenuates pulmonary vascular remodelling by inhibiting the phosphorylation of PDGF receptor-??. *British journal of pharmacology*.

Costa GO, et al. (2025) A hybrid model for predicting response to risperidone after first-episode psychosis. *Revista brasileira de psiquiatria (Sao Paulo, Brazil : 1999)*, 47, e20243608.

Zhao G, et al. (2025) Association of intestinal anti-inflammatory drug target genes with psychiatric Disorders: A Mendelian randomization study. *Journal of advanced research*, 70, 545.

van der Lee AP, et al. (2025) Discontinuity of psychiatric care among patients with bipolar disorder in the Netherlands. *The International journal of social psychiatry*, 71(1), 55.

Francisco S, et al. (2025) Restoring adapter protein complex 4 function with small molecules: an in silico approach to spastic paraplegia 50. *Protein science : a publication of the Protein Society*, 34(1), e70006.

Tang X, et al. (2025) CDPMF-DDA: contrastive deep probabilistic matrix factorization for drug-disease association prediction. *BMC bioinformatics*, 26(1), 5.

Wang D, et al. (2025) Ginkgo biloba extract mediates HT22 cell proliferation and migration after oxygen-glucose deprivation/reoxygenation via regulating RhoA-ROCK2 signalling pathway. *Metabolic brain disease*, 40(1), 91.

Liu L, et al. (2025) Bioinformatic analysis of ferroptosis related biomarkers and potential therapeutic targets in vitiligo. *Scientific reports*, 15(1), 2035.

Burkat PM, et al. (2025) Haloperidol dopamine receptor occupancy and antagonism correspond to delirium agitation scores and EPS risk: A PBPK-PD modeling analysis. *Journal of psychopharmacology (Oxford, England)*, 39(3), 244.