

Resource Summary Report

Generated by ASWG on Aug 24, 2026

Therapeutic Target Database

RRID:SCR_006892

Type: Tool

Proper Citation

Therapeutic Target Database (RRID:SCR_006892)

Resource Information

URL: <http://xin.cz3.nus.edu.sg/group/cjttd/ttd.asp>

Proper Citation: Therapeutic Target Database (RRID:SCR_006892)

Description: A database to provide information about the known and explored therapeutic protein and nucleic acid targets, the targeted disease, pathway information and the corresponding drugs/ligands directed at each of these targets. Also included in this database are links to relevant databases that contain information about the function, sequence, 3D structure, ligand binding properties, enzyme nomenclature and related literatures of each target. This database currently contains 1535 targets and 2107 drugs/ligands. Queries can be submitted by entering or selecting the required information in any one or combination of the five fields in the form. User can specify full name or any part of the name in a text field, or choose one item from an selection field.

Abbreviations: TTD

Resource Type: data or information resource, database

Keywords: therapeutic, protein, nucleic acid, disease, pathway, drug, ligand, target, FASEB list

Resource Name: Therapeutic Target Database

Resource ID: SCR_006892

Alternate IDs: nif-0000-03596, OMICS_01593

Alternate URLs: <http://bidd.nus.edu.sg/group/cjttd/>

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260821T193815+0000

Ratings and Alerts

No rating or validation information has been found for Therapeutic Target Database.

No alerts have been found for Therapeutic Target Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Higasa K, et al. (2026) Whole-genome sequencing of 3135 individuals representing the genetic diversity of the Japanese population. *Journal of human genetics*, 71(4), 223.

Gao X, et al. (2026) Network pharmacology and molecular docking analysis on mechanisms of Euphorbia Lathyris L. seed in treating colorectal cancer. *BMC cancer*, 26(1).

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.

Lei S, et al. (2025) Liver-Targeting Nanoparticles GA-MSe@AR Treat NAFLD Through Dual Lipid-Lowering and Antioxidant Efficacy. *International journal of nanomedicine*, 20, 5017.

Song Z, et al. (2025) Mechanistic insights into the anti-depressant effect of quercetin: an integrated bibliometrics, bioinformatics, and animal experimentation. *Frontiers in nutrition*, 12, 1612746.

Tie D, et al. (2025) Baihe Dihuang Tang Exerts Antidepressant Effects via Modulation of MAOA-Mediated Serotonin Metabolism and Synaptic Plasticity. *Pharmaceuticals (Basel, Switzerland)*, 18(12).

Chen W, et al. (2025) Qing-Re-Hua-Shi Decoction ameliorates DSS-induced colitis by modulating multiple signaling pathways and remodeling the gut microbiota and metabolite profile. *Frontiers in cellular and infection microbiology*, 15, 1541289.

Zeng XL, et al. (2025) Unveiling Xuanshen decoction: A novel approach to combat slow transit constipation. *World journal of gastroenterology*, 31(30), 109187.

Zhang J, et al. (2024) Integrated network pharmacology and brain metabolomics to analyze the mechanism of Dihuang Yinzi intervention in Alzheimer's disease. *Heliyon*, 10(5), e26643.

Wang J, et al. (2024) Network Pharmacology-Based Strategy to Explore the Effect and Mechanism of Zhizhu Granule Improving Glucose-Lipid Metabolism in Rats with Metabolic Syndrome. *Diabetes, metabolic syndrome and obesity : targets and therapy*, 17, 3833.

- Zhou F, et al. (2024) Exploration of hypoglycemic peptides from porcine collagen based on network pharmacology and molecular docking. *PloS one*, 19(3), e0298674.
- Li Q, et al. (2024) Paeoniflorin improves ulcerative colitis via regulation of PI3K???AKT based on network pharmacology analysis. *Experimental and therapeutic medicine*, 27(4), 125.
- Li H, et al. (2024) Genetic analysis of potential markers and therapeutic targets for immunity in periodontitis. *Frontiers in dental medicine*, 5, 1480346.
- Chu Z, et al. (2024) Research progress of traditional Chinese medicine compound "Chaihu Shugan Powder" in the treatment of premenstrual syndrome. *Medicine*, 103(40), e38351.
- Yu Z, et al. (2024) A Novel Network Pharmacology Strategy Based on the Universal Effectiveness-Common Mechanism of Medical Herbs Uncovers Therapeutic Targets in Traumatic Brain Injury. *Drug design, development and therapy*, 18, 1175.
- Gallo K, et al. (2023) SuperNatural 3.0-a database of natural products and natural product-based derivatives. *Nucleic acids research*, 51(D1), D654.
- Wang X, et al. (2023) Proteome-Wide Mendelian Randomization Analysis Identified Potential Drug Targets for Atrial Fibrillation. *Journal of the American Heart Association*, 12(16), e029003.
- Zhong Y, et al. (2023) Exploring the Mechanisms of Modified Bu-Shen-Yi-Qi Decoction for COPD-Related Osteoporosis Therapy via Transcriptomics and Network Pharmacology Approach. *Drug design, development and therapy*, 17, 2727.
- Cui L, et al. (2023) A Systematic Study of Yiqi Qubai Standard Decoction for Treating Vitiligo Based on UPLC-Q-TOF/MS Combined with Chemometrics, Molecular Docking, and Cellular and Zebrafish Assays. *Pharmaceuticals (Basel, Switzerland)*, 16(12).
- He Y, et al. (2023) Tanshinone IIA Inhibits Triple-Negative Breast Cancer Cells MDA-MB-231 via G Protein-Coupled Estrogen Receptor- (GPER-) Dependent Signaling Pathway. *Disease markers*, 2023, 8371623.