

# Resource Summary Report

Generated by [dkNET](#) on Apr 16, 2025

## 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/cjttt/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:** database, data or information resource

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

**Funding:**

**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:** 20250412T055137+0000

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## Ratings and Alerts

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

No alerts have been found for Therapeutic Target Database.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 38 mentions in open access literature.

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

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.

Gallo K, et al. (2023) SuperNatural 3.0-a database of natural products and natural product-based derivatives. *Nucleic acids research*, 51(D1), D654.

Zhang Y, et al. (2023) Integrating Metabolomics and Network Pharmacology to Explore the Mechanism of Xiao-Yao-San in the Treatment of Inflammatory Response in CUMS Mice. *Pharmaceuticals (Basel, Switzerland)*, 16(11).

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).

Pastorino F, et al. (2022) Italian Precision Medicine in Pediatric Oncology: Moving beyond Actionable Alterations. *International journal of molecular sciences*, 23(19).

Zhang S, et al. (2022) Pharmacological effects of the Cassia Seed on atherosclerosis: A meta-analysis based on network pharmacology. *Medicine*, 101(36), e30411.

Wang ZZ, et al. (2021) A small molecule compound berberine as an orally active therapeutic candidate against COVID-19 and SARS: A computational and mechanistic study. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(4), e21360.

Chen J, et al. (2021) Application of Proteomics and Metabonomics to Reveal the Molecular Basis of *Atractylodes Macrocephalae* Rhizome for Ameliorating Hypothyroidism Instead of Hyperthyroidism. *Frontiers in pharmacology*, 12, 664319.

Ba X, et al. (2021) WTD Attenuating Rheumatoid Arthritis via Suppressing Angiogenesis and Modulating the PI3K/AKT/mTOR/HIF-1 $\alpha$  Pathway. *Frontiers in pharmacology*, 12, 696802.

Zhang L, et al. (2021) An Integrative Pharmacology-Based Strategy to Uncover the Mechanism of Xiong-Pi-Fang in Treating Coronary Heart Disease with Depression. *Frontiers in pharmacology*, 12, 590602.

Ferreira WAS, et al. (2021) Genomic and transcriptomic characterization of the human glioblastoma cell line AHOL1. *Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas*, 54(3), e9571.

Cui Q, et al. (2021) Systematic analysis of the mechanism of hydroxysafflor yellow A for treating ischemic stroke based on network pharmacology technology. *European journal of pharmacology*, 908, 174360.

Wang Y, et al. (2020) Network Pharmacology-Based Strategy for the Investigation of the Anti-Obesity Effects of an Ethanol Extract of *Zanthoxylum bungeanum* Maxim. *Frontiers in pharmacology*, 11, 572387.

Zhang G, et al. (2019) Therapeutic Efficiency of an External Chinese Herbal Formula of Mammary Precancerous Lesions by BATMAN-TCM Online Bioinformatics Analysis Tool and Experimental Validation. *Evidence-based complementary and alternative medicine : eCAM*, 2019, 2795010.

Zhai Y, et al. (2019) Broad range metabolomics coupled with network analysis for explaining possible mechanisms of Er-Zhi-Wan in treating liver-kidney Yin deficiency syndrome of Traditional Chinese medicine. *Journal of ethnopharmacology*, 234, 57.

Sakaue S, et al. (2019) GREP: genome for REPositioning drugs. *Bioinformatics* (Oxford, England), 35(19), 3821.

Wu K, et al. (2019) To reveal pharmacological targets and molecular mechanisms of curcumol against interstitial cystitis. *Journal of advanced research*, 20, 43.