

Resource Summary Report

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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: database, data or information resource

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: 20260803T040450+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 44 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.

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.

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.

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.

Li H, et al. (2024) Genetic analysis of potential markers and therapeutic targets for immunity in periodontitis. Frontiers in dental medicine, 5, 1480346.

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.

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).

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).

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.

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

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.

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.

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.