

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

PharmMapper

RRID:SCR_022604

Type: Tool

Proper Citation

PharmMapper (RRID:SCR_022604)

Resource Information

URL: <http://lilab-ecust.cn/pharmmapper/index.html>

Proper Citation: PharmMapper (RRID:SCR_022604)

Description: Web server for potential drug target identification using pharmacophore mapping approach. Designed to identify potential target candidates for given probe small molecules including drugs, natural products, or other newly discovered compounds with binding targets unidentified using pharmacophore mapping approach. Used for potential drug target identification with comprehensive target pharmacophore database.

Synonyms: PharmMapper 2017

Resource Type: web service, data access protocol, software resource

Defining Citation: [PMID:20430828](#), [PMID:28472422](#)

Keywords: potential drug target identification, given probe small molecules, identify potential target candidates, binding targets unidentified, pharmacophore mapping approach, drug target identification, target pharmacophore database

Funding: National Natural Science Foundation of China ;
Shanghai Committee of Science and Technology ;
Major National Scientific and Technological Project of China

Availability: Free, Freely available

Resource Name: PharmMapper

Resource ID: SCR_022604

Record Creation Time: 20220802T050144+0000

Record Last Update: 20260804T043744+0000

Ratings and Alerts

No rating or validation information has been found for PharmMapper.

No alerts have been found for PharmMapper.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Cheng M, et al. (2026) Targeting p38 MAPK signaling pathway:?? Quercetin as a novel therapy for TMJ synovitis. International journal of molecular medicine, 57(1).

Li J, et al. (2025) Study on the Molecular Mechanism of Baicalin Phosphorylation of Tau Protein Content in a Cell Model of Intervention Cognitive Impairment. Neuropsychiatric disease and treatment, 21, 309.

Hu L, et al. (2025) Network pharmacology combined with experimental verification for exploring the potential mechanism of phellodendrine against depression. Scientific reports, 15(1), 1958.

Wang Z, et al. (2025) Mechanism by which CAP regulates the "cold-heat" balance in osteosarcoma model mice: an integrative study of metabolomics, transcriptomics, and network pharmacology. Journal of translational medicine, 23(1), 1177.

Han Z, et al. (2025) Safflower injection against obesity-induced mice podocyte injury by improving insulin resistance through increasing renal INSR and eNOS expression. Renal failure, 47(1), 2482888.

Liang J, et al. (2025) Identification of isoliquiritigenin as a promising compound targeting lactate metabolism for heart failure alleviation. Scientific reports, 15(1), 35378.

Wang S, et al. (2025) NGR-modified curcumin nanovesicles reverse immunotherapy resistance in triple-negative breast cancer via TLR9 and mTOR pathway modulation. Cell biology and toxicology, 41(1), 109.

Lim HI, et al. (2025) Uncovering the anti-cancer mechanism of cucurbitacin D against colorectal cancer through network pharmacology and molecular docking. Discover oncology, 16(1), 551.

Xu D, et al. (2025) The effect of chloroquine on cervical cancer via the PI3K/AKT/MDM2 pathway. Discover oncology, 16(1), 1179.

Jin Y, et al. (2025) Investigation of the mechanism of euphornin against cervical cancer using network pharmacology. Scientific reports, 15(1), 23497.

Omoboyede V, et al. (2025) Pharmacological assessment of *Coffea arabica* compounds as potential therapeutics for cervical cancer. *Bioinformatics advances*, 5(1), vbaf132.

Yu S, et al. (2025) Mechanisms of traditional Chinese medicine compound Danxiong granules for the treatment of radiation dermatitis based on network pharmacology, molecular docking and experimental validation. *BMC complementary medicine and therapies*, 26(1), 4.

Zhang Y, et al. (2025) Unlocking Resveratrol's Potential: Targeting Ferroptosis in Atherosclerosis Through MAPK1. *Food science & nutrition*, 13(7), e70466.

Li R, et al. (2025) Effect and Mechanism of Aloin in Ameliorating Chronic Prostatitis/Chronic Pelvic Pain Syndrome: Network Pharmacology and Experimental Verification. *Drug design, development and therapy*, 19, 1945.

Wang J, et al. (2025) Integrated network pharmacology, molecular docking, and animal experiments to reveal the potential mechanism of hesperetin on COPD. *Scientific reports*, 15(1), 11024.

Fan X, et al. (2025) Puerarin Ameliorates the Ferroptosis in Diabetic Liver Injure Through the JAK2/STAT3 Pathway Inhibition Based on Network Pharmacology and Experimental Validation. *Drug design, development and therapy*, 19, 737.

Li Y, et al. (2025) Network toxicology and molecular docking elucidate the hepatotoxic and carcinogenic mechanisms of potassium sorbate validated by in vitro assays. *Scientific reports*, 15(1), 31225.

Lin M, et al. (2025) Exploring the molecular mechanism of budesonide enteric capsules in the treatment of IgA nephropathy based on bioinformatics. *Scientific reports*, 15(1), 30795.

Zhao Q, et al. (2025) Exploring the association between air pollutants and non-small cell lung cancer using network toxicology and machine learning. *Discover oncology*, 16(1), 2327.

Huang C, et al. (2025) Mechanism of Shi-Yang-Xiao lotion in alleviating perianal eczema based on network pharmacology and experimental validation. *Frontiers in molecular biosciences*, 12, 1621398.