

Resource Summary Report

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DisGeNET

RRID:SCR_006178

Type: Tool

Proper Citation

DisGeNET (RRID:SCR_006178)

Resource Information

URL: <http://www.disgenet.org>

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Description: Database and discovery platform containing publicly available collections of genes and variants associated to human diseases. Integrates data from curated repositories, GWAS catalogues, animal models and scientific literature.

Abbreviations: DisGeNET

Synonyms: database of gene disease associations

Resource Type: data or information resource, database

Defining Citation: [PMID:27924018](#), [PMID:25877637](#), [PMID:21695124](#), [PMID:20861032](#)

Keywords: gene, disease, gene-disease association, gene-disease ontology, gene-disease text mining, text mining, genotype-phenotype, rdf, genotype, phenotype, gene-disease, variant-disease, FASEB list

Funding: EFPIA ;

Instituto de Salud Carlos III-Fondo Europeo de Desarrollo Regional ;

Elixir-Excelerate ;

Innovative Medicines Initiative Joint Undertaking ;

European Union Seventh Framework Programme ;

European Union Horizon 2020

Availability: Restricted

Resource Name: DisGeNET

Resource ID: SCR_006178

Alternate IDs: nlx_151710, r3d100013301

Alternate URLs: <https://doi.org/10.17616/R31NJMR9>

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Record Creation Time: 20220129T080234+0000

Record Last Update: 20260801T190937+0000

Ratings and Alerts

No rating or validation information has been found for DisGeNET.

No alerts have been found for DisGeNET.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2210 mentions in open access literature.

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

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).

Zhang K, et al. (2026) Pharmacologically inherited carbon dots from Salvia miltiorrhiza with potent antioxidant activity and multi-pathway modulation for myocardial ischemia-reperfusion injury therapy. Theranostics, 16(4), 1855.

Thilmany S, et al. (2026) Hormonal Contraceptives and Depression: A Proteomic Analysis Using Neuronal Models. Proteomics. Clinical applications, 20(1), e70017.

Xiao Y, et al. (2026) Berberine suppresses colon inflammation via integrated modulation of host metabolism, microbial ecology, and innate immune signaling. Theranostics, 16(4), 2019.

Oh KK, et al. (2026) A roadmap to unveil the mechanism(s) of natural indole-derived molecules against NAFLD-derived HCC via systems pharmacology. Translational oncology, 63, 102618.

Chen Y, et al. (2025) Adverse outcome pathway (AOP) framework for predicting toxic mechanisms in E-cigarette-induced lung injury. Ecotoxicology and environmental safety, 302, 118703.

Song H, et al. (2025) Crotonylation of MCM6 enhances chemotherapeutics sensitivity of breast cancer via inducing DNA replication stress. Cell proliferation, 58(2), e13759.

Qu J, et al. (2025) Astragalus polysaccharide ameliorates diabetic retinopathy by inhibiting the SHH-Gli1-AQP1 signaling pathway in streptozotocin-induced type 2 diabetic rats. *The Korean journal of physiology & pharmacology : official journal of the Korean Physiological Society and the Korean Society of Pharmacology*, 29(1), 21.

Shao M, et al. (2025) Transcriptome signatures of the medial prefrontal cortex underlying GABAergic control of resilience to chronic stress exposure. *Molecular psychiatry*, 30(5), 2197.

Gao K, et al. (2025) HERB 2.0: an updated database integrating clinical and experimental evidence for traditional Chinese medicine. *Nucleic acids research*, 53(D1), D1404.

Yan B, et al. (2025) Network pharmacology analysis and clinical verification of Panax notoginseng saponins in deep venous thrombosis prevention. *Biomedical reports*, 22(1), 8.

Tang Y, et al. (2025) Exploring the Mechanisms of Sanguinarine in the Treatment of Osteoporosis by Integrating Network Pharmacology Analysis and Deep Learning Technology. *Current computer-aided drug design*, 21(1), 83.

Duong Nguyen TT, et al. (2025) PGxDB: an interactive web-platform for pharmacogenomics research. *Nucleic acids research*, 53(D1), D1486.

Aldisi RS, et al. (2025) Identification of novel proteomic biomarkers for hypertension: a targeted approach for precision medicine. *Clinical proteomics*, 22(1), 7.

Liu J, et al. (2025) Uncovering the mechanism of Huangkui capsule in the treatment of diabetic kidney disease based on network pharmacology and experimental validation. *Scientific reports*, 15(1), 6503.

Yu X, et al. (2025) Ginger protects against vein graft remodeling by precisely modulating ferroptotic stress in vascular smooth muscle cell dedifferentiation. *Journal of pharmaceutical analysis*, 15(2), 101053.

Tyagi A, et al. (2025) Limosilactobacillus reuteri fermented brown rice alleviates anxiety improves cognition and modulates gut microbiota in stressed mice. *NPJ science of food*, 9(1), 5.

Lin H, et al. (2025) Modular organization of enhancer network provides transcriptional robustness in mammalian development. *Nucleic acids research*, 53(2).

Lu Z, et al. (2025) The protective effects of active ingredients from *acorus tatarinowii* on sperm and their molecular mechanisms. *Basic and clinical andrology*, 35(1), 2.

Liu X, et al. (2025) The compound (E)-2-(3,4-dihydroxystyryl)-3-hydroxy-4H-pyran-4-one alleviates neuroinflammation and cognitive impairment in a mouse model of Alzheimer's disease. *Neural regeneration research*, 20(11), 3330.