

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: 20260729T044132+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 [PRECISE-TBI](#) .

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.

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.

- Duan H, et al. (2025) miR-23b is a negative regulator of tumor suppressing PTPRG in colorectal cancer. *Translational oncology*, 59, 102447.
- Xu F, et al. (2025) ROMO1 overexpression protects the mitochondrial cysteinome from oxidations in aging. *Nature communications*, 16(1), 5133.
- Huang X, et al. (2025) The mechanism of Weiqi decoction treating gastric cancer: a work based on network pharmacology and experimental verification. *Hereditas*, 162(1), 67.
- Rahi MS, et al. (2025) Unveiling the Therapeutic Potential of Piper chaba Hunter: Computational Approaches Shed Light on Targeting Proteins in Alzheimer's Disease. *BioMed research international*, 2025, 8892801.
- Zhao X, et al. (2025) Exploreing the potential mechanism of Aitongxiao formula inhibiting hepatocellular carcinoma in vitro and in vivo based on network Pharmacology. *Scientific reports*, 15(1), 25783.
- Bonato M, et al. (2025) Short-term exposure to particulate matter triggers a selective alteration of plasma extracellular vesicle-packaged miRNAs in a mouse model of multiple sclerosis. *Frontiers in immunology*, 16, 1596935.
- Zhang P, et al. (2025) Yougui pills prevent ovariectomy-induced bone loss by suppressing Th17 response and IL-17/NF- κ B pathway. *Annals of medicine*, 57(1), 2529576.
- Natarajan PM, et al. (2025) Decoding Epigenetic Enhancer-Promoter Interactions in Periodontitis via Transformer-GAN: A Deep Learning Framework for Inflammatory Gene Regulation and Biomarker Discovery. *International dental journal*, 75(6), 103879.
- Vasishta S, et al. (2025) Genetic profiling and pathway analysis in bladder carcinoma: Implications for therapeutic targeting. *Turkish journal of surgery*, 41(4), 437.
- Zhang M, et al. (2025) Increased Dipeptidyl Peptidase-4 Promotes Adipose Inflammation and Dysfunction in Mice Under Chronic Stress. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(15), e70893.
- Aamer N, et al. (2025) Bind: large-scale biological interaction network discovery through knowledge graph-driven machine learning. *Journal of translational medicine*, 23(1), 856.
- Yang Q, et al. (2025) Integrating network pharmacology, bioinformatics and molecular docking to explore the anti-NSCLC mechanisms of EGCG in green tea. *Medicine*, 104(36), e44070.
- Alsaedi S, et al. (2025) Integrative molecular network analysis of genetic risk factors to infer biomarkers and therapeutic targets for rheumatoid arthritis. *PloS one*, 20(8), e0329101.