# **Resource Summary Report**

Generated by NIF on May 12, 2025

# **DisGeNET**

RRID:SCR\_006178

Type: Tool

## **Proper Citation**

DisGeNET (RRID:SCR\_006178)

### **Resource Information**

URL: <a href="http://www.disgenet.org">http://www.disgenet.org</a>

**Proper Citation:** DisGeNET (RRID:SCR\_006178)

**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

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**Record Creation Time:** 20220129T080234+0000

**Record Last Update:** 20250507T060358+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 1732 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.

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.

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.

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.

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

M D, et al. (2025) Differential gene expression profile in Porphyromonas gingivalis treated human gingival keratinocytes and their role in the development of HNSCC. Journal of oral biology and craniofacial research, 15(1), 48.

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.

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

Chen Y, et al. (2025) Methyl Canthin-6-one-2-carboxylate Inhibits the Activation of the NLRP3 Inflammasome in Synovial Macrophages by Upregulating Nrf2 Expression. Current issues in molecular biology, 47(1).

Kiruba B, et al. (2025) Mapping integral cell-type-specific interferon-induced gene regulatory networks (GRNs) involved in systemic lupus erythematosus using systems and computational analysis. Heliyon, 11(1), e41342.

Cai Y, et al. (2025) Exploring the Kidney-Brain Crosstalk: Biomarkers for Early Detection of Kidney Injury-Related Alzheimer's Disease. Journal of inflammation research, 18, 827.

Cohen JD, et al. (2025) In vitro human ion channel assays predictive of drug-induced seizure. Toxicological sciences: an official journal of the Society of Toxicology, 203(2), 253.

Tian L, et al. (2025) Predicting drug combination side effects based on a metapath-based heterogeneous graph neural network. BMC bioinformatics, 26(1), 16.

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

He S, et al. (2025) Identification of quality markers and mechanisms of Anzi Tiaochong Fang in the treatment of antiphospholipid syndrome-related recurrent pregnancy loss: chemical analysis, network pharmacology, and in vitro approaches. BMC complementary medicine and therapies, 25(1), 20.

Qi S, et al. (2025) Ethyl Acetate Extract of Cichorium glandulosum Activates the P21/Nrf2/HO-1 Pathway to Alleviate Oxidative Stress in a Mouse Model of Alcoholic Liver Disease. Metabolites, 15(1).

Huang F, et al. (2025) Comprehensive bioinformatics analysis of metabolism?related microRNAs in high myopia in young and old adults with age?related cataracts. Molecular medicine reports, 31(2).

Mayyas A, et al. (2025) Deciphering the Anti-Diabetic Potential of Gymnema Sylvestre Using Integrated Computer-Aided Drug Design and Network Pharmacology. Journal of cellular and molecular medicine, 29(1), e70349.

Wang R, et al. (2025) Hydroxychloroquine enhances insulin sensitivity and ameliorates abnormal lipid metabolism in obese women with polycystic ovary syndrome. BMC endocrine disorders, 25(1), 2.

Mou X, et al. (2025) Feeding disruptions lead to a significant increase in disease modules in adult mice. Heliyon, 11(2), e41774.