

Resource Summary Report

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GeneCards

RRID:SCR_002773

Type: Tool

Proper Citation

GeneCards (RRID:SCR_002773)

Resource Information

URL: <http://genecards.org>

Proper Citation: GeneCards (RRID:SCR_002773)

Description: Database of human genes that provides concise genomic, proteomic, transcriptomic, genetic and functional information on all known and predicted human genes. Information featured in GeneCards includes orthologies, disease relationships, mutations and SNPs, gene expression, gene function, pathways, protein-protein interactions, related drugs and compounds and direct links to cutting edge research reagents and tools such as antibodies, recombinant proteins, clones, expression assays and RNAi reagents.

Abbreviations: GeneCards

Synonyms: GeneCards - The Human Gene Compendium

Resource Type: data or information resource, database

Defining Citation: [PMID:20689021](#)

Keywords: genome, human gene, genome, gene, genomic, proteomic, transcriptomic, genetic, function, ortholog, disease, mutation, single nucleotide polymorphism, gene expression, gene function, pathway, protein-protein interaction, drug, compound, reagent, antibody, recombinant protein, clone, expression assay, rnai reagent, FASEB list

Availability: Free, Freely available

Resource Name: GeneCards

Resource ID: SCR_002773

Alternate IDs: nif-0000-02879, OMICS_01652, r3d100012015

Alternate URLs: <http://bioinfo.weizmann.ac.il/genecards/>,
<https://doi.org/10.17616/R3D643>

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260821T193649+0000

Ratings and Alerts

No rating or validation information has been found for GeneCards.

No alerts have been found for GeneCards.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7635 mentions in open access literature.

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

Liu B, et al. (2026) Shared molecular features and candidate pathways underlying gastric cancer-depression comorbidity: a systems biology analysis. *Frontiers in bioinformatics*, 6, 1836419.

Ruankham W, et al. (2026) Unraveling Network Pharmacology-Based Therapeutics of Anthranilate Sulfonamides via Sirtuins/FOXO3a Cascade in Alzheimer's Disease. *Journal of neurochemistry*, 170(2), e70377.

Wei S, et al. (2026) Risk assessment for hydrophobic disinfectants and antiseptics as contaminants in freshwater using risk quotient and network pharmacology approaches. *iScience*, 29(7), 116339.

Jiang M, et al. (2026) Analysis of the molecular mechanism underlying di(2-ethylhexyl) phthalate-induced bladder carcinogenesis via network toxicology and molecular docking approaches: An observational study. *Medicine*, 105(6), e47378.

Jiang YY, et al. (2026) Ze-qi Decoction Inhibits Neutrophil Extracellular Trap Formation to Suppress the Progression and Metastasis of Non-Small Cell Lung Cancer. *Integrative cancer therapies*, 25, 15347354261420750.

Lin J, et al. (2026) Hyodeoxycholic acid relieves neuropathic pain by activating farnesoid X receptor signaling. *Journal of advanced research*, 82, 881.

Song S, et al. (2026) *Clostridium butyricum* and its metabolites regulate macrophage polarization through miR-146a to antagonize gouty arthritis. *Journal of advanced research*, 80, 943.

- Huang D, et al. (2026) Neu5Ac promotes high-fat diet-induced progression of atherosclerosis in ApoE-deficient mice. *Experimental animals*, 75(2), 194.
- Golodnikov II, et al. (2026) Single-cell immune transcriptomics reveals an inflammatory-inhibitory set-point spectrum in autoimmune diabetes. *JCI insight*, 11(1).
- Liu W, et al. (2026) α -terpineol induces apoptosis in melanoma cells and its underlying mechanism. *Scientific reports*, 16(1), 4278.
- Li Z, et al. (2026) A succinylation-related prognostic model for predicting lung adenocarcinoma prognosis and guiding immunotherapy. *Clinical proteomics*, 23(1), 5.
- Yang R, et al. (2026) Exploring and Validating the Molecular Mechanisms Linking Fatty Acid Metabolism and Sarcopenia. *IET systems biology*, 20(1), e70052.
- 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.
- Zhu X, et al. (2026) Investigating the therapeutic mechanism of Asarum for oral ulcer from a network pharmacology perspective. *Medicine*, 105(1), e46880.
- Liu S, et al. (2026) Exploring the mechanism of action of Kaixin San in treating dementia based on network pharmacology and molecular docking. *Medicine*, 105(1), e46583.
- Wang J, et al. (2026) Network toxicology and Mendelian randomization reveal pathogenic factors of monoethyl phthalate-induced thyroid cancer. *European thyroid journal*, 15(1).
- Liao X, et al. (2026) Synthesis and biological evaluation, network pharmacology, and molecular docking of 2-benzylidene-1-indanone derivatives as antitumor agents. *Scientific reports*, 16(1), 4581.
- Zhang Y, et al. (2026) Uncovering the mechanisms of Jingui Shenqi pill alleviates type 2 diabetic osteoporosis using a combined network pharmacology and metabolomics approach. *Scientific reports*, 16(1), 4890.
- Zhu H, et al. (2026) A Clinically Derived TCM Decoction (WD-3) Attenuates Malignant Phenotypes of Gastric Cancer through the PPAR γ -AMPK Pathway. *Biological procedures online*, 28(1), 8.
- Aly SH, et al. (2026) Phytochemical profiling of *Rosmarinus officinalis* aerial parts and exploring its in vitro wound healing activity and network pharmacology. *Scientific reports*, 16(1), 623.