

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: 20260903T004403+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.

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.

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

- Meng X, et al. (2026) Thyroid Hormone Receptor $\alpha 1$ and PGC1 α Coordinately Regulate OPA1/MFN2-Mediated Mitochondrial Fusion and UCP1-Mediated Lipid Browning in ccRCC. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(5), e08571.
- Yang R, et al. (2026) Exploring and Validating the Molecular Mechanisms Linking Fatty Acid Metabolism and Sarcopenia. *IET systems biology*, 20(1), e70052.
- 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.
- 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.
- Li X, et al. (2026) Dynamic transcriptomic landscape of myogenesis in Muscovy ducks (*Cairina moschata*): integrative analysis of hub genes post-hatching. *Animal bioscience*, 39(1), 250159.
- Yan Y, et al. (2026) Mitochondrial protection role of oxidoreductase-like domain containing 1 in myocardial cells under hypoxia. *Medical gas research*, 16(2), 116.
- Hu Y, et al. (2026) Uncovering novel therapeutics for schizophrenia: a multitarget approach using the CANDO platform. *bioRxiv : the preprint server for biology*.
- Pan M, et al. (2026) Insights into the potential mechanism of Beiqishen Jiangtang Granule in the treatment of type 2 diabetes nephropathy: A study based on network pharmacology, molecular docking, and biological validation. *Medicine*, 105(7), e47533.
- Liu F, et al. (2026) Unveiling the Therapeutic Potential of "Taikong Blue" Lavender Essential Oil and Its Key Compounds in Skin Problems via Network Pharmacology and In Vitro Validation. *Journal of cosmetic dermatology*, 25(2), e70640.
- Shi C, et al. (2026) Diabetes Mellitus Facilitates Gallstone Formation Through CXCR2-NETs-Mediated Liver-Bile Barrier Damage. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(24), e19500.
- 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.