

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

WikiPathways

RRID:SCR_002134

Type: Tool

Proper Citation

WikiPathways (RRID:SCR_002134)

Resource Information

URL: <http://wikipathways.org/>

Proper Citation: WikiPathways (RRID:SCR_002134)

Description: Open and collaborative platform dedicated to curation of biological pathways. Each pathway has dedicated wiki page, displaying current diagram, description, references, download options, version history, and component gene and protein lists. Database of biological pathways maintained by and for scientific community.

Synonyms: Wiki Pathways

Resource Type: data or information resource, database, service resource

Defining Citation: [PMID:22096230](#), [PMID:18651794](#)

Keywords: database, knowledge environment resource, image, web service, biological pathway, diagram description, reference, pathway, FASEB list

Funding: Google Summer of Code program ;
Netherlands Bioinformatics Centre ;
NIGMS GM080223;
NIGMS R01 GM100039;
NIH ;
NWO - Netherlands Organization for Scientific Research

Availability: Free, Freely available

Resource Name: WikiPathways

Resource ID: SCR_002134

Alternate IDs: nif-0000-20925, r3d100013316

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Record Creation Time: 20220129T080211+0000

Record Last Update: 20260821T193639+0000

Ratings and Alerts

No rating or validation information has been found for WikiPathways.

No alerts have been found for WikiPathways.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2013 mentions in open access literature.

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

Matías-García PR, et al. (2026) DNAm landscape up to 4 months post SARS-CoV-2 infection: insights from four population-based cohorts. Clinical epigenetics, 18(1).

van Oost S, et al. (2026) Immune infiltration is associated with distinct transcriptional states and metabolic profiles in chordomas. iScience, 29(5), 115668.

Sharma S, et al. (2026) MLC1 alteration in human iPSCs give rise to disease-like cellular vacuolation phenotype in the astrocyte lineage. Orphanet journal of rare diseases, 21(1).

Kroehling L, et al. (2026) A highly resolved integrated single-cell atlas of HPV-negative head and neck cancer. Communications medicine, 6(1).

Do KV, et al. (2026) Molecular remodeling of cancer-associated fibroblasts in breast cancer patients receiving anti-PD-1 immunotherapy. Frontiers in oncology, 16, 1754311.

Herrle N, et al. (2026) The transaminase-?-amidase pathway senses oxidative stress to control glutamine metabolism and ?-ketoglutarate levels in endothelial cells. The EMBO journal, 45(3), 820.

Alfano M, et al. (2026) Testis Molecular Pathways in CAIS Unveil Testosterone/Estradiol on Germ Cell Tumor Risk in Non-Obstructive Azoospermia. The Journal of clinical endocrinology and metabolism, 111(2), 388.

Zhang XYC, et al. (2026) Pathway-Informed Machine Learning Identifies Genetic Predictors of High-Dose Methotrexate-Induced Mucositis in Pediatric Acute Lymphoblastic Leukemia. Clinical pharmacology and therapeutics, 119(2), 447.

Flores-Fortis M, et al. (2026) Loss of miR-122 promotes cell migration and poor prognosis in triple-negative breast cancer treated by neoadjuvant chemotherapy. *Clinical & translational oncology : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico*, 28(4), 1285.

Lu Q, et al. (2026) CGRP Enhances the Regeneration of Bone Defects by Regulating Bone Marrow Mesenchymal Stem Cells Through Promoting ANGPTL4 Secretion by Bone Blood Vessels. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(14), e22295.

Anjum SH, et al. (2026) Cerebral Venous Thrombosis in Previously Healthy Patients with Cryptococcal Meningitis. *The Journal of infectious diseases*, 233(2), e561.

Blaauw MJT, et al. (2026) Functional and Transcriptional Senescence Profiles of CD8+ T Cells Associate With the Presence of Carotid Plaques in People Living With HIV. *The Journal of infectious diseases*, 233(5), e1154.

Martins R, et al. (2026) Homeostatic control of energy metabolism by monocyte-derived macrophages. *The EMBO journal*, 45(1), 106.

Hope S, et al. (2026) Shared genetic architecture between autism spectrum disorder, loneliness, and social isolation reveals novel genetic loci. *Psychiatric genetics*, 36(1), 13.

van Kessel HW, et al. (2026) Advancing transcriptomics-based mechanistic assessment of nephrotoxicity in vitro using the human RPTEC/TERT1 TXG-MAPr gene co-expression network. *Toxicological sciences : an official journal of the Society of Toxicology*, 209(1).

Kemper EJ, et al. (2026) Muscle and Liver Insulin Resistance Are Associated with Distinct Plasma Protein Profiles: Data from the DiOGenes Trial. *The Journal of clinical endocrinology and metabolism*, 111(4), 1031.

Ma S, et al. (2026) scCT-DB, an omnibus for cancer patient-derived paired pre- and post-treatment single-cell transcriptomes to reveal drug perturbation and drug resistance mechanisms. *Nucleic acids research*, 54(D1), D1616.

Liao A, et al. (2026) Transcript-guided targeted cell enrichment for scalable single-nucleus RNA sequencing. *Cell genomics*, 6(3), 101101.

Li JY, et al. (2026) The immune regulation and signaling transduction of FAM134B-mediated endoplasmic reticulum-phagy in ferroptosis of dendritic cells after sepsis. *Journal of advanced research*, 83, 611.

Wang S, et al. (2026) MMP1 is a promising prognostic, therapeutic and immunological biomarker for pancreatic cancer: evidence from bioinformatics analysis and biological experiments. *BMC cancer*, 26(1).