

Resource Summary Report

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BioCarta Pathways

RRID:SCR_006917

Type: Tool

Proper Citation

BioCarta Pathways (RRID:SCR_006917)

Resource Information

URL: <http://www.biocarta.com/>

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Description: BioCarta Pathways allows users to observe how genes interact in dynamic graphical models. Online maps available within this resource depict molecular relationships from areas of active research. In an open source approach, this community-fed forum constantly integrates emerging proteomic information from the scientific community. It also catalogs and summarizes important resources providing information for over 120,000 genes from multiple species. Find both classical pathways as well as current suggestions for new pathways.

Synonyms: BioCarta Pathways

Resource Type: data or information resource, database

Keywords: graphical model, molecular interaction, molecular relationship, pathway, proteomics, bio.tools, FASEB list

Resource Name: BioCarta Pathways

Resource ID: SCR_006917

Alternate IDs: nif-0000-02604, biotools:biocarta

Alternate URLs: <https://bio.tools/biocarta>

Old URLs: <http://www.biocarta.com/genes/allPathways.asp>

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260905T133137+0000

Ratings and Alerts

No rating or validation information has been found for BioCarta Pathways.

No alerts have been found for BioCarta Pathways.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1129 mentions in open access literature.

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

Abdelfattah N, et al. (2026) Male-biased Yap1-Cd276/B7-H3 axis for immune evasion in medulloblastoma. *Cancer cell*, 44(4), 760.

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

Roger E, et al. (2026) ATM Deficiency Induces TGF β -Mediated Stromal Programming in Pancreatic Cancer. *Cancer research*, 86(14), 3412.

Salem ME, et al. (2026) Impact of RAS/BRAFV600E Mutations on the Tumor Immune Microenvironment in Mismatch Repair-Deficient/Microsatellite Instability Colorectal Cancers. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(2), 417.

Zhu H, et al. (2026) cfGWAS reveal genetic basis of cell-free DNA end motifs. *Nature communications*, 17(1), 1714.

Rychlik KA, et al. (2026) Prenatal arsenic exposure and gene expression in fetal liver, heart, lung, and placenta. *Toxicology*, 522, 154420.

Kang H, et al. (2026) RNA-seq evaluation of equine alveolar macrophages and monocyte-derived macrophages exposed to an inflammatory stimulus (short communication). *BMC veterinary research*, 22(1).

Zhou N, et al. (2025) Proteomic patterns associated with ketamine response in major depressive disorders. *Cell biology and toxicology*, 41(1), 26.

Song H, et al. (2025) A single-cell atlas of bladder cancer unveils dynamic cellular composition and endothelial functional shifts during progression. *Discover oncology*, 16(1), 500.

Galliou PA, et al. (2025) MSC1 Cells Suppress Colorectal Cancer Cell Growth via Metabolic Reprogramming, Laminin-Integrin Adhesion Signaling, Oxidative Stress Resistance, and a Tumor-Suppressive Secretome. *Biomedicines*, 13(6).

Li X, et al. (2025) Genetic Nurture Effects on Type 2 Diabetes Among Chinese Han Adults: A Family-Based Design. *Biomedicines*, 13(1).

Corinaldesi C, et al. (2025) Single-cell transcriptomics of pediatric Burkitt lymphoma reveals intra-tumor heterogeneity and markers of therapy resistance. *Leukemia*, 39(1), 189.

Takahashi N, et al. (2025) The role of inflammation in the development of tic symptoms in subjects with ADHD. *Brain, behavior, & immunity - health*, 45, 100981.

Alwadi D, et al. (2025) RNA-Seq Uncovers Association of Endocrine-Disrupting Chemicals with Hub Genes and Transcription Factors in Aggressive Prostate Cancer. *International journal of molecular sciences*, 26(12).

Brothwell JA, et al. (2025) A high-resolution view of the immune and stromal cell response to *Haemophilus ducreyi* infection in human volunteers. *mBio*, 16(3), e0388524.

Eissman JM, et al. (2025) Sex-Specific Genetic Drivers of Memory, Executive Functioning, and Language Performance in Older Adults. *medRxiv : the preprint server for health sciences*.

Li X, et al. (2025) Endothelial Cpt1a Inhibits Neonatal Hyperoxia-Induced Pulmonary Vascular Remodeling by Repressing Endothelial-Mesenchymal Transition. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(11), e2415824.

Huang Y, et al. (2025) Genomic determinants of biological age estimated by deep learning applied to retinal images. *GeroScience*, 47(2), 2613.

Hua M, et al. (2025) Multiomic machine learning on lactylation for molecular typing and prognosis of lung adenocarcinoma. *Scientific reports*, 15(1), 3075.

Xiong Y, et al. (2025) Artificial intelligence links CT images to pathologic features and survival outcomes of renal masses. *Nature communications*, 16(1), 1425.