

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: 20260729T044141+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 1118 mentions in open access literature.

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

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

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.

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).

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.

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*.

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).

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.

Bai W, et al. (2025) Shared genetic architecture between stroke and blood lipids: a large-scale genome-wide cross-trait analysis. *Human genomics*, 19(1), 75.

Ma X, et al. (2025) Bioinformatics and system biology approach to discover the common pathogenetic processes between COVID-19 and chronic hepatitis B. *PloS one*, 20(5), e0323708.

Barcelona V, et al. (2025) Epigenomic pathways from racism to preterm birth: secondary analysis of the Nulliparous Pregnancy Outcomes Study: monitoring Mothers-to-be (nuMoM2b) cohort study in the USA to examine how DNA methylation mediates the relationship between multilevel racism and preterm birth in black women: a study protocol. *BMJ open*, 15(3), e091801.

Kroehling L, et al. (2025) A highly resolved integrated single-cell atlas of HPV-negative head and neck cancer. *bioRxiv : the preprint server for biology*.

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

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.

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

Van Horn S, et al. (2025) Transcriptomic Dysregulation in Animal Models of Attention-Deficit Hyperactivity Disorder and Nicotine Dependence Suggests Shared Neural Mechanisms. *Brain and behavior*, 15(3), e70444.

Liu Z, et al. (2025) Proteomic analysis reveals chromatin remodeling as a potential therapeutic target in neuroblastoma. *Journal of translational medicine*, 23(1), 234.

Andersen MS, et al. (2025) Establishment of a patient-derived 3D in vitro meningioma model in xeno-free hydrogel for clinical applications. *Acta neuropathologica communications*, 13(1), 81.