

Resource Summary Report

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COBrA

RRID:SCR_005677

Type: Tool

Proper Citation

COBrA (RRID:SCR_005677)

Resource Information

URL: <http://www.xspan.org/>

Proper Citation: COBrA (RRID:SCR_005677)

Description: COBrA is a Java-based ontology editor for bio-ontologies that distinguishes itself from other editors by supporting the linking of concepts between two ontologies, and providing sophisticated analysis and verification functions. In addition to the Gene Ontology and Open Biology Ontologies formats, COBrA can import and export ontologies in the Semantic Web formats RDF, RDFS and OWL. Platform: Windows compatible, Mac OS X compatible, Linux compatible, Unix compatible, THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: COBrA

Synonyms: COBrA - An Ontology Browser for Anatomy, COBrA: a bio-ontology editor

Resource Type: software resource

Defining Citation: [PMID:15513995](#)

Keywords: ontology, anatomy, browser, ontology or annotation browser

Funding: BBSRC 15/BEP 17046

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: COBrA

Resource ID: SCR_005677

Alternate IDs: nlx_149117

Record Creation Time: 20220129T080231+0000

Record Last Update: 20260801T190257+0000

Ratings and Alerts

No rating or validation information has been found for COBrA.

No alerts have been found for COBrA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1396 mentions in open access literature.

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

Gabal E, et al. (2025) Investigating Lipid and Energy Dyshomeostasis Induced by Per- and Polyfluoroalkyl Substances (PFAS) Congeners in Mouse Model Using Systems Biology Approaches. *Metabolites*, 15(8).

Kumar S P, et al. (2025) ThermOptCobra: Thermodynamically optimal construction and analysis of metabolic networks for reliable phenotype predictions. *iScience*, 28(8), 113005.

Molina Ortiz JP, et al. (2025) Genome-scale metabolic modelling of human gut microbes to inform rational community design. *Gut microbes*, 17(1), 2534673.

Arroyo Villora S, et al. (2025) Epigenetic silencing and CRISPR-mediated reactivation of tight junction protein claudin10b (CLDN10B) in renal cancer. *Clinical epigenetics*, 17(1), 102.

Meijer FJA, et al. (2025) Diagnostic accuracy of 4D-MRA for the detection and localization of spinal dural arteriovenous fistulas: A retrospective 10-year cohort study. *Brain & spine*, 5, 104176.

Zorzi F, et al. (2025) Prostatic Artery Embolization in Elderly Comorbid Patients with Benign Prostatic Hyperplasia: Safety, Efficacy, and Predictive Factors of Clinical Failure. *Journal of personalized medicine*, 15(1).

Papenberg G, et al. (2025) Aging-related losses in dopamine D2/3 receptor availability are linked to working-memory decline across five years. *Cerebral cortex (New York, N.Y. : 1991)*, 35(2).

Alessi DS, et al. (2025) In silico dietary interventions using whole-body metabolic models reveal sex-specific and differential dietary risk profiles for metabolic syndrome. *Frontiers in physiology*, 16, 1586750.

Marra P, et al. (2025) Percutaneous recanalization of non-cirrhotic extrahepatic portal vein obstruction in children: technical considerations in a preliminary cohort. *European radiology*, 35(6), 3262.

Li Y, et al. (2025) Impaired microglial glycolysis promotes inflammatory responses after intracerebral haemorrhage via HK2-dependent mitochondrial dysfunction. *Journal of advanced research*, 73, 575.

Deuschmeyer VE, et al. (2025) SIAH3 is frequently epigenetically silenced in cancer and regulates mitochondrial metabolism. *International journal of cancer*, 156(2), 353.

Prucksakorn T, et al. (2025) Altered Methylation Levels in LINE-1 in Dental Pulp Stem Cell-Derived Osteoblasts. *International dental journal*, 75(2), 1269.

Mizuguchi T, et al. (2025) Diagnostic utility of single-locus DNA methylation mark in Sotos syndrome developed by nanopore sequencing-based episinature. *Clinical epigenetics*, 17(1), 27.

Almohannadi M, et al. (2025) Balloon-Occluded Retrograde Transvenous Obliteration (BRTO) for Gastric Varices: A Single-Center Experience in the Middle East. *Cureus*, 17(5), e83726.

Prabsattru P, et al. (2025) Methylation of LINE-1 and Alu repetitive sequence in keloid. *Scientific reports*, 15(1), 31994.

Bender A, et al. (2025) UHRF2 mediates resistance to DNA methylation reprogramming in primordial germ cells. *Nature communications*, 16(1), 7350.

Abas AM, et al. (2025) Biochemical Studies on the Therapeutic Effect of *Naja nubiae* Venom Against Melamine Induced Hepatotoxicity in Albino Rats. *Food science & nutrition*, 13(4), e70081.

Abramova O, et al. (2025) Association of neurobiological and immune serum biomarkers with *Toxoplasma gondii* infection in patients with schizophrenia. *Parasitology research*, 124(5), 53.

Kaw A, et al. (2025) Immature Acta2R179C/+ smooth muscle cells cause moyamoya-like cerebrovascular lesions in mice prevented by boosting OXPHOS. *Nature communications*, 16(1), 6105.

Park SY, et al. (2025) Deciphering dynamic antibiotics-microbiome-metabolome interactions in preterm infants using systems biology. *iScience*, 28(8), 113038.