

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

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: Free for academic use

Resource Name: COBrA

Resource ID: SCR_005677

Alternate IDs: nlx_149117

Record Creation Time: 20220129T080231+0000

Record Last Update: 20250420T014258+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 1330 mentions in open access literature.

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

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).

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

Yan X, et al. (2025) Superconductivity in an ultrathin multilayer nickelate. *Science advances*, 11(1), eado4572.

Heinken A, et al. (2025) Systemic regulation of retinal medium-chain fatty acid oxidation repletes TCA cycle flux in oxygen-induced retinopathy. *Communications biology*, 8(1), 25.

Zagare A, et al. (2025) Insulin resistance compromises midbrain organoid neuronal activity and metabolic efficiency predisposing to Parkinson's disease pathology. *Journal of tissue engineering*, 16, 20417314241295928.

Tec-Campos D, et al. (2025) A genome-scale metabolic model for the denitrifying bacterium *Thauera* sp. MZ1T accurately predicts degradation of pollutants and production of polymers. *PLoS computational biology*, 21(1), e1012736.

Coldea A, et al. (2025) Fracture load of feldspar ceramic crowns: effects of surface treatments and aging. *Clinical oral investigations*, 29(1), 51.

Tavakoli N, et al. (2025) Merging metabolic modeling and imaging for screening therapeutic targets in colorectal cancer. *NPJ systems biology and applications*, 11(1), 12.

El Zarif T, et al. (2024) Detecting Small Cell Transformation in Patients with Advanced EGFR Mutant Lung Adenocarcinoma through Epigenomic cfDNA Profiling. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(17), 3798.

Allen JD, et al. (2024) mRNA vaccines encoding computationally optimized hemagglutinin elicit protective antibodies against future antigenically drifted H1N1 and H3N2 influenza viruses isolated between 2018-2020. *Frontiers in immunology*, 15, 1334670.

Lindeboom TA, et al. (2024) An Optimized Genotyping Workflow for Identifying Highly SCRaMbLEd Synthetic Yeasts. *ACS synthetic biology*, 13(4), 1116.

Martinelli F, et al. (2024) Whole-body metabolic modelling reveals microbiome and genomic interactions on reduced urine formate levels in Alzheimer's disease. *Scientific reports*, 14(1), 6095.

Reich K, et al. (2024) Brodalumab Versus Guselkumab in Patients with Moderate-to-Severe Psoriasis with an Inadequate Response to Ustekinumab: A Randomized, Multicenter, Double-Blind Phase 4 Trial (COBRA). *Dermatology and therapy*, 14(2), 453.

Royse SK, et al. (2024) Unhealthy white matter connectivity, cognition, and racialization in older adults. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 20(3), 1483.

Moon CM, et al. (2024) Altered Sexual Response-Related Functional Connectivity and Morphometric Changes Influenced by Sex Hormones across Menopausal Status. *Journal of clinical medicine*, 13(2).

Qin N, et al. (2024) Increased CO₂ fixation enables high carbon-yield production of 3-hydroxypropionic acid in yeast. *Nature communications*, 15(1), 1591.

Shi H, et al. (2024) Inactivated influenza virus vaccines expressing COBRA hemagglutinin elicited broadly reactive, long-lived protective antibodies. *Human vaccines & immunotherapeutics*, 20(1), 2356269.

Cardoso P, et al. (2024) Optimal inventorying and monitoring of taxonomic, phylogenetic and functional diversity. *PloS one*, 19(7), e0307156.

Kattel A, et al. (2024) Exploring the resilience and stability of a defined human gut microbiota consortium: An isothermal microcalorimetric study. *MicrobiologyOpen*, 13(4), e1430.