

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

## CoPub

RRID:SCR\_005327

Type: Tool

### Proper Citation

CoPub (RRID:SCR\_005327)

### Resource Information

**URL:** <http://services.nbic.nl/copub/portal/>

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**Description:** Text mining tool that detects co-occurring biomedical concepts in abstracts from the MedLine literature database. It allows batch input of multiple human, mouse or rat genes and produces lists of keywords from several biomedical thesauri that are significantly correlated with the set of input genes. These lists link to Medline abstracts in which the co-occurring input genes and correlated keywords are highlighted. Furthermore, CoPub can graphically visualize differentially expressed genes and over-represented keywords in a network, providing detailed insight in the relationships between genes and keywords, and revealing the most influential genes as highly connected hubs.

**Abbreviations:** CoPub

**Resource Type:** data access protocol, service resource, software resource, web service

**Defining Citation:** [PMID:18442992](#)

**Keywords:** microarray, gene, literature, enrich, annotate, network, database, differential expression, bio.tools

**Funding:** Netherlands Bioinformatics Centre

**Availability:** Free, Public, Acknowledgement requested

**Resource Name:** CoPub

**Resource ID:** SCR\_005327

**Alternate IDs:** OMICS\_01178, biotools:copub

**Alternate URLs:** <https://bio.tools/copub>

**Old URLs:** <http://services.nbic.nl/cgi-bin/copub/CoPub.pl>

**Record Creation Time:** 20220129T080229+0000

**Record Last Update:** 20260912T195624+0000

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## Ratings and Alerts

No rating or validation information has been found for CoPub.

No alerts have been found for CoPub.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Auerbach S, et al. (2016) Prioritizing Environmental Chemicals for Obesity and Diabetes Outcomes Research: A Screening Approach Using ToxCast™ High-Throughput Data. Environmental health perspectives, 124(8), 1141.

Wang J, et al. (2015) Pathway and network approaches for identification of cancer signature markers from omics data. Journal of Cancer, 6(1), 54.

Himmelstein DS, et al. (2015) Heterogeneous Network Edge Prediction: A Data Integration Approach to Prioritize Disease-Associated Genes. PLoS computational biology, 11(7), e1004259.

Ruff M, et al. (2015) The Disintegrin and Metalloprotease ADAM12 Is Associated with TGF- $\beta$ -Induced Epithelial to Mesenchymal Transition. PloS one, 10(9), e0139179.

Friberg PA, et al. (2010) Transcriptional effects of progesterone receptor antagonist in rat granulosa cells. Molecular and cellular endocrinology, 315(1-2), 121.