

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Human Disease Ontology

RRID:SCR_000476

Type: Tool

Proper Citation

Human Disease Ontology (RRID:SCR_000476)

Resource Information

URL: <http://purl.bioontology.org/ontology/DOID>

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Description: Comprehensive hierarchical controlled vocabulary for human disease representation. Open source ontology for integration of biomedical data associated with human disease. Disease Ontology database represents comprehensive knowledge base of inherited, developmental and acquired human diseases.

Abbreviations: DO

Synonyms: Human Disease Ontology Knowledgebase, Disease Ontology

Resource Type: database, ontology, data or information resource, controlled vocabulary

Defining Citation: [PMID:22080554](#)

Keywords: obo, pathological, organismal, cellular, disease, biomedical, health, neurologic disease, neurological disorder, phenotype, bio.tools,

Funding: NHGRI U24 HG012557

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Human Disease Ontology

Resource ID: SCR_000476

Alternate IDs: nif-0000-35926, nlx_157432, SCR_003491, biotools:disease_ontology

Alternate URLs: <http://disease-ontology.org/>, https://bio.tools/disease_ontology, <http://purl.obolibrary.org/obo/doid.obo>,

Old URLs: http://do-wiki.nubic.northwestern.edu/index.php/Main_Page

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Record Creation Time: 20220129T080201+0000

Record Last Update: 20260808T185723+0000

Ratings and Alerts

No rating or validation information has been found for Human Disease Ontology.

No alerts have been found for Human Disease Ontology.

Data and Source Information

Source: [SciCrunch Registry](#)

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](#) .

Sun Y, et al. (2023) MACdb: A curated knowledgebase for metabolic associations across human cancers. Molecular cancer research : MCR.

Fisher ME, et al. (2022) The Xenopus phenotype ontology: bridging model organism phenotype data to human health and development. BMC bioinformatics, 23(1), 99.

Nenni MJ, et al. (2019) Xenbase: Facilitating the Use of Xenopus to Model Human Disease. Frontiers in physiology, 10, 154.

Himmelstein DS, et al. (2017) Systematic integration of biomedical knowledge prioritizes drugs for repurposing. eLife, 6.

Wu TJ, et al. (2015) Generating a focused view of disease ontology cancer terms for pan-cancer data integration and analysis. Database : the journal of biological databases and curation, 2015, bav032.