

Resource Summary Report

Generated by SPARC SAWG on Aug 29, 2026

bioCADDIE

RRID:SCR_004018

Type: Tool

Proper Citation

bioCADDIE (RRID:SCR_004018)

Resource Information

URL: <http://biocaddie.org/>

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Description: Project to facilitate the construction of a Data Discovery Index. The data discovery index (DDI) is to do for data what PubMed (and PubMed Central) did for the literature. Biomedical researchers and healthcare institutions should be enabled to share their data in a way that advances science and protects privacy. They will find ways to facilitate structuring, discovery, and accessing of data without requiring people to understand complex standards that only a few specialized groups can decipher. bioCADDIE will pursue the following aims: # Provide ease in finding accessible data of interest according to disease, data modality (e.g., imaging, molecular measurements), and/or demographics through simple and intuitive computer interfaces that allow quick ranking, visualization, and summarization of data resources - this requires methods for automated indexing (i.e., creation of metadata), tools that allow free text searches, accessibility tools that decode consent requirements, etc. # Assist data producers on how to publish data for maximal discoverability and assessment of impact of disseminated data through data citation networks; and # Train data producers and data users in relevant tools related to biomedical data sharing. This will be done through online resources, workshops, and dissemination of best practices through publication of articles about data discovery in different venues (a) scholarly publications, and (b) lay press news articles.

Abbreviations: bioCADDIE

Synonyms: biomedical and healthCARE Data Discovery and Indexing Ecosystem, UCSD bioCADDIE

Resource Type: data or information resource, portal

Keywords: biomedical, healthcare, catalog, data sharing, data repository, data set

Resource Name: bioCADDIE

Resource ID: SCR_004018

Alternate IDs: nlx_158438

Record Creation Time: 20220129T080222+0000

Record Last Update: 20260821T193713+0000

Ratings and Alerts

No rating or validation information has been found for bioCADDIE.

No alerts have been found for bioCADDIE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Melero-Fuentes D, et al. (2026) Assessing research productivity in addiction datasets using OpenAlex. PloS one, 21(2), e0339653.

Poline JB, et al. (2023) Data and Tools Integration in the Canadian Open Neuroscience Platform. Scientific data, 10(1), 189.

Greene G, et al. (2019) Building Open Access to Research (OAR) Data Infrastructure at NIST. Data science journal, 18.

Chen X, et al. (2018) DataMed - an open source discovery index for finding biomedical datasets. Journal of the American Medical Informatics Association : JAMIA, 25(3), 300.

Wimalaratne SM, et al. (2018) Uniform resolution of compact identifiers for biomedical data. Scientific data, 5, 180029.

Ozyurt IB, et al. (2018) Foundry: a message-oriented, horizontally scalable ETL system for scientific data integration and enhancement. Database : the journal of biological databases and curation, 2018.

Cieslewicz A, et al. (2018) Baseline and extensions approach to information retrieval of complex medical data: Poznan's approach to the bioCADDIE 2016. Database : the journal of biological databases and curation, 2018.

Teodoro D, et al. (2017) Improving average ranking precision in user searches for biomedical research datasets. Database : the journal of biological databases and curation, 2017.

Sansone SA, et al. (2017) DATS, the data tag suite to enable discoverability of datasets. *Scientific data*, 4, 170059.