

Resource Summary Report

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National Center for Integrative Biomedical Informatics

RRID:SCR_001538

Type: Tool

Proper Citation

National Center for Integrative Biomedical Informatics (RRID:SCR_001538)

Resource Information

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

Proper Citation: National Center for Integrative Biomedical Informatics (RRID:SCR_001538)

Description: The Center develops conceptual models, computational infrastructure, an integrated knowledge repository, and query and analysis tools that enable scientists to effectively access and integrate the wealth of biological data. The National Center for Integrative Biomedical Informatics (NCIBI) was founded in October 2005 and is one of seven National Centers for Biomedical Computing (NCBC) in the NIH Roadmap. NCIBI is based at the University of Michigan as a part of the Center for Computational Medicine and Biology (CCMB). NCIBI is composed of biomedical researchers, computational biologists, computer scientists, developers and human-computer interaction specialists organized into seven major core functions. They work in interdisciplinary teams to collectively develop tools that are not only computationally powerful but also biologically relevant and meaningful. The four initial Driving Biological Projects (prostate cancer progression, Type 1 and type 2 diabetes and bipolar disorder) provide the nucleation point from which tool development is informed, launched, and tested. In addition to testing tools for function, a separate team is dedicated to testing usability and user interaction that is a unique feature of this Center. Once tools are developed and validated the goal of the Center is to share and disseminate data and software throughout the research community both internally and externally. This is achieved through various mechanisms such as training videos, tutorials, and demonstrations and presentations at national and international scientific conferences. NCIBI is supported by NIH Grant # U54-DA021519.

Synonyms: NCIBI

Resource Type: data or information resource, organization portal, portal

Defining Citation: [PMID:22101971](#)

Keywords: analysis tools, bipolar disorder, code, computational infrastructure, conceptual models, data, diabetes, knowledge repository, presentations, prostate cancer, query tools, seminar material, tool development, tutorials, videos, model

Related Condition: Type 1 diabetes, Type 2 diabetes, Diabetes, Cancer, Bipolar disorder

Availability: Free, Freely available

Resource Name: National Center for Integrative Biomedical Informatics

Resource ID: SCR_001538

Alternate IDs: nif-0000-09660

Old URLs: <http://portal.ncibi.org/gateway/>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260829T182045+0000

Ratings and Alerts

No rating or validation information has been found for National Center for Integrative Biomedical Informatics.

No alerts have been found for National Center for Integrative Biomedical Informatics.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Hur J, et al. (2015) Development and application of an interaction network ontology for literature mining of vaccine-associated gene-gene interactions. Journal of biomedical semantics, 6, 2.