

Resource Summary Report

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Informatics for Integrating Biology and the Bedside

RRID:SCR_013629

Type: Tool

Proper Citation

Informatics for Integrating Biology and the Bedside (RRID:SCR_013629)

Resource Information

URL: <http://www.i2b2.org>

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Description: i2b2 (Informatics for Integrating Biology and the Bedside) is an NIH-funded National Center for Biomedical Computing based at Partners HealthCare System. The i2b2 Center is developing a scalable informatics framework that will enable clinical researchers to use existing clinical data for discovery research and, when combined with IRB-approved genomic data, facilitate the design of targeted therapies for individual patients with diseases having genetic origin. For some resources (e.g. software) the use of the resource requires accepting a specific (e.g. OpenSource) license.

Abbreviations: i2b2

Resource Type: data or information resource, data set, organization portal, portal, software resource, training resource

Keywords: genetic, biology, biomedical, computing, genomic, health, healthcare, informatic, origin, patient, therapy, predoctoral, postdoctoral

Funding: NLM U54LM008748

Availability: Free, Public, Acknowledgement requested

Resource Name: Informatics for Integrating Biology and the Bedside

Resource ID: SCR_013629

Alternate IDs: nif-0000-33133

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260905T132738+0000

Ratings and Alerts

No rating or validation information has been found for Informatics for Integrating Biology and the Bedside.

No alerts have been found for Informatics for Integrating Biology and the Bedside.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Ahmadi N, et al. (2025) Unmasking and Addressing COVID-19-Related Maladaptive Grief Reactions Among Suicidal Youth: Pilot Evidence for an Enhanced Psychiatry Emergency Room Safety Preventive Intervention. JAACAP open, 3(4), 863.

Uebachs M, et al. (2024) SCAview: an Intuitive Visual Approach to the Integrative Analysis of Clinical Data in Spinocerebellar Ataxias. Cerebellum (London, England), 23(3), 887.

Szaflarski JP, et al. (2024) Traumatic Brain Injury Outcomes After Recreational Cannabis Use. Neuropsychiatric disease and treatment, 20, 809.

Shweikh Y, et al. (2023) The Growing Need for Ophthalmic Data Standardization. Ophthalmology science, 3(1), 100262.

Katz J, et al. (2022) Increased odds ratio for erectile dysfunction in COVID-19 patients. Journal of endocrinological investigation, 45(4), 859.

Wu H, et al. (2022) A survey on clinical natural language processing in the United Kingdom from 2007 to 2022. NPJ digital medicine, 5(1), 186.

Crema C, et al. (2022) Natural language processing in clinical neuroscience and psychiatry: A review. Frontiers in psychiatry, 13, 946387.

Kenner BJ, et al. (2021) Early Detection of Pancreatic Cancer: Applying Artificial Intelligence to Electronic Health Records. Pancreas, 50(7), 916.

Dagliati A, et al. (2021) Health informatics and EHR to support clinical research in the COVID-19 pandemic: an overview. Briefings in bioinformatics, 22(2), 812.

Sohag MMH, et al. (2021) OMICS approaches in cardiovascular diseases: a mini review. Genomics & informatics, 19(2), e13.

Nikiema JN, et al. (2021) Aligning an interface terminology to the Logical Observation Identifiers Names and Codes (LOINC??). JAMIA open, 4(2), ooab035.

Rossetti SC, et al. (2021) Healthcare Process Modeling to Phenotype Clinician Behaviors for Exploiting the Signal Gain of Clinical Expertise (HPM-ExpertSignals): Development and evaluation of a conceptual framework. Journal of the American Medical Informatics Association : JAMIA, 28(6), 1242.

Capobianco E, et al. (2019) Data-driven clinical decision processes: it's time. Journal of translational medicine, 17(1), 44.

Oleynik M, et al. (2019) Evaluating shallow and deep learning strategies for the 2018 n2c2 shared task on clinical text classification. Journal of the American Medical Informatics Association : JAMIA, 26(11), 1247.

Zhao YS, et al. (2018) Leveraging text skeleton for de-identification of electronic medical records. BMC medical informatics and decision making, 18(Suppl 1), 18.

Satagopam V, et al. (2016) Integration and Visualization of Translational Medicine Data for Better Understanding of Human Diseases. Big data, 4(2), 97.

Murphy SN, et al. (2015) High throughput tools to access images from clinical archives for research. Journal of digital imaging, 28(2), 194.

Liao KP, et al. (2015) Methods to Develop an Electronic Medical Record Phenotype Algorithm to Compare the Risk of Coronary Artery Disease across 3 Chronic Disease Cohorts. PloS one, 10(8), e0136651.

Leung KY, et al. (2015) IT Infrastructure to support the secondary use of routinely acquired clinical imaging data for research. Neuroinformatics, 13(1), 65.

Wei WQ, et al. (2015) Extracting research-quality phenotypes from electronic health records to support precision medicine. Genome medicine, 7(1), 41.