Resource Summary Report

Generated by NIF on Apr 8, 2025

VIVO

RRID:SCR_005246
Type: Tool

Proper Citation

VIVO (RRID:SCR_005246)

Resource Information

URL: http://vivoweb.org/

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Description: Open source semantic web application that enables the discovery of research and scholarship across disciplines at a particular institution and across institutions by creating a semantic cloud of information that can be searched and browsed. Participants include institutions with local installations of VIVO or those with research discovery and profiling applications that can provide semantic web-compliant data. The information accessible through the national network""s search and browse capability will therefore reside and be controlled locally within institutional VIVOs or other semantic web applications. The VIVO ontology provides a set of types (classes) and relationships (properties) to represent researchers and the full context of their experience, outputs, interests, accomplishments, and associated institutions. https://wiki.duraspace.org/display/VIVO/VIVO-ISF+Ontology VIVO is populated with detailed profiles of faculty and researchers including information such as publications, teaching, service, and professional affiliations. It also supports browsing and a search function which returns faceted results for rapid retrieval of desired information. The rich semantically structured data in VIVO support and facilitate research discovery. Examples of applications that consume these rich data include: visualizations, enhanced multi-site search through VIVO Search, and applications such as VIVO Searchlight, a browser bookmarklet which uses text content of any webpage to search for relevant VIVO profiles, and the Inter-Institutional Collaboration Explorer, an application which allows visualization of collaborative institutional partners, among others. Institutions are free to participate in the national network by installing and using the application. The application provides linked data via RDF data making users a part of the semantic web! or any other application that provides linked data can be used. Users can also get involved with developing applications that provide enhanced search, new collaboration capabilities, grouping, finding and mapping scientists and their work.

Abbreviations: VIVO

Synonyms: VIVO - enabling national networking of scientists

Resource Type: controlled vocabulary, software application, service resource, portal, data or information resource, community building portal, software resource, ontology

Keywords: data sharing, network, semantic web, linked data, rdf, owl, database, people resource

Funding: NCRR U24 RR029822

Availability: Open unspecified license

Resource Name: VIVO

Resource ID: SCR_005246

Alternate IDs: nlx_144266

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250407T215507+0000

Ratings and Alerts

No rating or validation information has been found for VIVO.

No alerts have been found for VIVO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 45 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Barra RHD, et al. (2025) Effect of coenzyme Q10 on tibial fracture resistance in nicotine-exposed rats. PloS one, 20(1), e0315462.

Friese S, et al. (2024) Long-term suboptimal dietary trace element supply does not affect trace element homeostasis in murine cerebellum. Metallomics : integrated biometal science, 16(2).

Tuo H, et al. (2024) Shikonin alleviates doxorubicin-induced cardiotoxicity via Mst1/Nrf2 pathway in mice. Scientific reports, 14(1), 924.

Zuo B, et al. (2024) Endothelial Slc35a1 Deficiency Causes Loss of LSEC Identity and Exacerbates Neonatal Lipid Deposition in the Liver in Mice. Cellular and molecular gastroenterology and hepatology, 17(6), 1039.

Goldblatt D, et al. (2024) Motor neurons are dispensable for the assembly of a sensorimotor circuit for gaze stabilization. bioRxiv : the preprint server for biology.

Zayed HM, et al. (2024) Gingival-derived mesenchymal stem cell therapy regenerated the radiated salivary glands: functional and histological evidence in murine model. Stem cell research & therapy, 15(1), 46.

Beel W, et al. (2024) Effect of a Partial Superficial and Deep Medial Collateral Ligament Injury on Knee Joint Laxity. The American journal of sports medicine, 52(8), 1952.

Kappelides P, et al. (2024) Barriers and enablers of women carers from culturally and linguistically diverse communities participating in physical activities. Frontiers in sports and active living, 6, 1444025.

Morishita Y, et al. (2023) Generation of myocyte agonal Ca2+ waves and contraction bands in perfused rat hearts following irreversible membrane permeabilisation. Scientific reports, 13(1), 803.

Heitzer M, et al. (2023) Evaluation of the Hemostatic Effect of an Innovative Tissue Adhesive during Extraction Therapy under Rivaroxaban in a Rodent Model. Journal of functional biomaterials, 14(7).

Ying S, et al. (2023) tRF-Gln-CTG-026 ameliorates liver injury by alleviating global protein synthesis. Signal transduction and targeted therapy, 8(1), 144.

Naish C, et al. (2023) An exploration of parent perceptions of a take-home loose parts play kit intervention during the COVID-19 pandemic. PloS one, 18(10), e0292720.

Mason AJ, et al. (2023) Sympathetic neurons secrete retrogradely transported TrkA on extracellular vesicles. Scientific reports, 13(1), 3657.

Wei H, et al. (2023) Six-transmembrane epithelial antigen of prostate 3 (STEAP3) is a potential prognostic biomarker in clear cell renal cell carcinoma that correlates with M2 macrophage infiltration and epithelial-mesenchymal. Cancer reports (Hoboken, N.J.), 6(8), e1824.

Huang Y, et al. (2023) Nrf2 inhibition increases sensitivity to chemotherapy of colorectal

cancer by promoting ferroptosis and pyroptosis. Scientific reports, 13(1), 14359.

Santos LC, et al. (2023) Kisspeptin treatment reverses high prolactin levels and improves gonadal function in hypothyroid male rats. Scientific reports, 13(1), 16819.

Liang SQ, et al. (2022) Genome-wide detection of CRISPR editing in vivo using GUIDE-tag. Nature communications, 13(1), 437.

Sekeitto AR, et al. (2022) Posterior-stabilized total knee arthroplasty kinematics and joint laxity: A hybrid biomechanical study. Arthroplasty (London, England), 4(1), 53.

Odira HO, et al. (2022) Anti-inflammatory, Analgesic, and Cytotoxic Effects of The Phytexponent: A Polyherbal Formulation. Journal of evidence-based integrative medicine, 27, 2515690X221082986.

Ferraro G, et al. (2021) Spectroscopic/Computational Characterization and the X-ray Structure of the Adduct of the VIVO-Picolinato Complex with RNase A. Inorganic chemistry, 60(24), 19098.