Resource Summary Report

Generated by NIF on Apr 9, 2025

glycosciences.de

RRID:SCR_002324
Type: Tool

Proper Citation

glycosciences.de (RRID:SCR_002324)

Resource Information

URL: http://www.glycosciences.de/

Proper Citation: glycosciences.de (RRID:SCR_002324)

Description: Portal of glycoinformatics resources including databases and bioinformatics tools for glycobiology and glycomics research. Databases include a bibliography, structure, nuclear magnetic resonance (NMR), mass spectroscopy (ms) and a PDB search.

Abbreviations: GLYCOSCIENCES.de

Synonyms: Glycosciences

Resource Type: database, data or information resource, topical portal, portal

Defining Citation: PMID:16239495

Keywords: glycoinformatics, glycobiology, glycomics, carbohydrate, 3d structure, data analysis service, modeling, structure, nuclear magnetic resonance, mass spectroscopy, protein, glycan

Funding: DFG

Availability: Free, Public

Resource Name: glycosciences.de

Resource ID: SCR_002324

Alternate IDs: nif-0000-21103

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250409T060159+0000

Ratings and Alerts

No rating or validation information has been found for glycosciences.de.

No alerts have been found for glycosciences.de.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Baek DS, et al. (2022) A highly-specific fully-human antibody and CAR-T cells targeting CD66e/CEACAM5 are cytotoxic for CD66e-expressing cancer cells in vitro and in vivo. Cancer letters, 525, 97.

Trbojevi?-Akma?i? I, et al. (2022) High-Throughput Glycomic Methods. Chemical reviews, 122(20), 15865.

Yrjänäinen A, et al. (2022) Biochemical and Biophysical Characterization of Carbonic Anhydrase VI from Human Milk and Saliva. The protein journal, 41(4-5), 489.

Pleass RJ, et al. (2021) The therapeutic potential of sialylated Fc domains of human IgG. mAbs, 13(1), 1953220.

Wintjens R, et al. (2020) Impact of glycan cloud on the B-cell epitope prediction of SARS-CoV-2 Spike protein. NPJ vaccines, 5, 81.

Li X, et al. (2020) Databases and Bioinformatic Tools for Glycobiology and Glycoproteomics. International journal of molecular sciences, 21(18).

Hill LA, et al. (2019) N-Glycosylation influences human corticosteroid-binding globulin measurements. Endocrine connections, 8(8), 1136.

Lemmin T, et al. (2019) Glycosylator: a Python framework for the rapid modeling of glycans. BMC bioinformatics, 20(1), 513.

Gourdine JF, et al. (2019) Representing glycophenotypes: semantic unification of

glycobiology resources for disease discovery. Database : the journal of biological databases and curation, 2019.

Muñoz-Alía MÁ, et al. (2018) Hemagglutinin-specific neutralization of subacute sclerosing panencephalitis viruses. PloS one, 13(2), e0192245.

Hu L, et al. (2018) Glycan recognition in globally dominant human rotaviruses. Nature communications, 9(1), 2631.

Simard M, et al. (2018) Functional implications of corticosteroid-binding globulin N-glycosylation. Journal of molecular endocrinology, 60(2), 71.

Hu L, et al. (2015) Structural basis of glycan specificity in neonate-specific bovine-human reassortant rotavirus. Nature communications, 6, 8346.

Bai Y, et al. (2014) Importance of N-glycosylation on CD147 for its biological functions. International journal of molecular sciences, 15(4), 6356.

Lech PJ, et al. (2014) Antibody neutralization of retargeted measles viruses. Virology, 454-455, 237.

Frank M, et al. (2014) Immunoglobulin G1 Fc domain motions: implications for Fc engineering. Journal of molecular biology, 426(8), 1799.

Hu L, et al. (2012) Cell attachment protein VP8* of a human rotavirus specifically interacts with A-type histo-blood group antigen. Nature, 485(7397), 256.

Visvanathan M, et al. (2011) GlycomicsDB - A Data Integration Platform for Glycans and their Strucutres. The open medical informatics journal, 5, 9.

Ranzinger R, et al. (2011) GlycomeDB--a unified database for carbohydrate structures. Nucleic acids research, 39(Database issue), D373.

Frank M, et al. (2010) Bioinformatics and molecular modeling in glycobiology. Cellular and molecular life sciences : CMLS, 67(16), 2749.