Resource Summary Report

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Integrated Technology Resource for Biomedical Glycomics

RRID:SCR_009003
Type: Tool

Proper Citation

Integrated Technology Resource for Biomedical Glycomics (RRID:SCR_009003)

Resource Information

URL: http://cell.ccrc.uga.edu/world/glycomics/glycomics.php

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Description: Biomedical technology research center that develops and implements new technologies to investigate the glycome of cells, including glycoproteomics and glycoconjugate analysis, transcript analysis and bioinformatics. It develops the tools and technology to analyze in detail the glycoprotein and glycolipid expression of mouse embryonic stem cells and the cells into which they differentiate. The technology developed in the Center will allow an understanding of how glycosylation is controlled during differentiation and will allow the development of tools to promote the use of stem cells to treat human disease. In addition, the technology developed will be applicable to the study of other cell types, including cancer cells that are progressing to a more invasive phenotype. The technology developed will also allow others in the scientific community to participate in glycomics research through dissemination of the new methods developed and through the analytical services provided by the resource to other scientists requesting assistance in glycomic analyses.

Abbreviations: Integrated Technology Resource for Biomedical Glycomics

Synonyms: NCRR Integrated Technology Resource for Biomedical Glycomics

Resource Type: biomedical technology research center, training resource

Keywords: systems biology technology center, glycome, cell, glycoproteomics, glycoconjugate analysis, transcript analysis, bioinformatics, glycoprotein, glycolipid, embryonic stem cell, glycosylation, stem cell, glycomics

Funding: NCRR ;
NIGMS

Resource Name: Integrated Technology Resource for Biomedical Glycomics

Resource ID: SCR_009003

Alternate IDs: nlx_152678

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260912T200318+0000

Ratings and Alerts

No rating or validation information has been found for Integrated Technology Resource for Biomedical Glycomics.

No alerts have been found for Integrated Technology Resource for Biomedical Glycomics.

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 SPARC SAWG .

Butler AA, et al. (2010) A recurring problem with the analysis of energy expenditure in genetic models expressing lean and obese phenotypes. Diabetes, 59(2), 323.