

Improvements in standardisation of storage and representation of glycomics data collections

Expanding the coverage and diversity of annotated glycoproteins and improving the use of data standards.

Researchers seeking to understand the biochemical structure–function relationships of carbohydrates require detailed descriptions of the biological source, assay conditions and experimental results. Currently, this data is insufficiently reported in the literature and databases lack the tools to standardise, integrate and display key relationships linking the field of glycosciences with other life science domains.

The project focuses on expanding the coverage and diversity of annotated glycoproteins stored in [UniCarbKB](#) and improving the use of data standards and common ontologies to describe data collections. Our approach adds value to research data by providing high quality metadata that describes the provenance, acquisition and interpretation of data using best practices recommended by MIRAGE.

Start date

23 July 2019

Expected completion date

21 October 2019

Investment by ARDC

\$50,000

Co-investment partners

[Griffith University](#)

Lead node



2. Presentation

Presentation of project findings at the Data and Services Summit



1. Report

Summary of the project, including project approach, FAIRness of the data, collaboration and lessons learnt

Core features



Community support and involvement

A strong sense of community support and involvement in developing answers to some of the more difficult questions our sector faces.



Ignite ideas and discussions

Enabling diverse stakeholders to engage in discussions and sharing of ideas.

Who is this project for?

- Research organisations
- Researchers



What does this project enable?

Projects in this area will contribute to determining what vision, governance structure and implementation program is necessary to create an Australian research data commons.



Handy resources

- [FAIR assessment](#) [PDF 202KB]
- [Final Report](#) [PDF 76KB]
- [Presentation](#) [PDF 1.1MB]
- Explore [UniCarbKB](#)



Griffith University

VISIT



Australian Research Data Commons

[HOME](#)

[ABOUT US](#)

[SERVICES](#)

[COLLABORATIONS](#)

[NEWS & EVENTS](#)

[CONTACT US](#)

[PRIVACY POLICY](#)

[TERMS & CONDITIONS](#)

The Australian Research Data Commons is enabled by NCRIS.



Stay up to date with our latest news and events and subscribe to our newsletter.

SUBSCRIBE