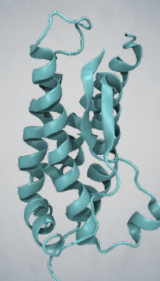
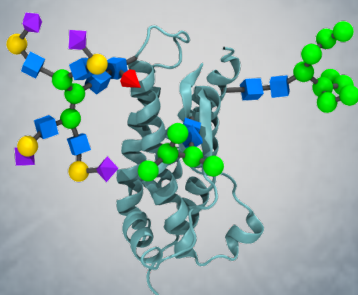
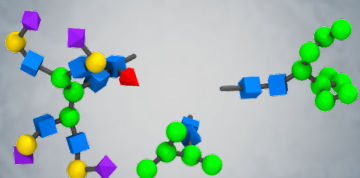


GlyGen is a data integration and dissemination project for carbohydrate and glycoconjugate related data. GlyGen retrieves information from multiple international data sources and integrates and harmonizes this data. This web portal allows exploring this data and performing unique searches that cannot be executed in any of the integrated databases alone.



DATA INTEGRATION

Data from the different resources are accessed and downloaded in resource-specific formats (e.g. RDF, FASTA, CSV).



QUICK SEARCH

Complex multi-domain search queries can be performed using the quick searches which are based on user requests.



DATA COLLECTION

Data integration with intensive data quality control. Metadata is captured using the BioCompute Object schema.



EXPLORE SEARCHES

GlyGen provides user with Glycan, Protein, Glycoprotein searches via simple or advanced search options.



RESOURCES

Online library of resources for science in glycobiology includes data resources, tools, learning materials, tutorials, social media, contact us, and feedback.



SPARQL ENDPOINT

All datasets are also RDFized using standard ontologies (e.g. UniProt RDF schema, GlycoCoO, FALDO) and provided by our public endpoint.

CONTACT