**Project Title**

**Research Area** *(Please indicate which of the following research areas that your project aligns with the most:* ***1) Infectious Diseases, 2) Immunology, 3) Precision Medicine, 4) Animal Health and Sustainable Agri-Food Systems****).*

**Project Leader / Lead Investigator**

Name:

Affiliation:

Phone:

Email:

**Other Funded Investigators** *(Include other investigators, that are expected to be* ***funded*** *by GlycoNet, reflected in the budget)*

Name 1:

Affiliation:

Phone:

Email:

**Collaborators** *(Include all collaborators, not funded)*

Name 1:

Affiliation:

Phone:

Email:

**Key Words** *(A minimum of 5 keywords must be provided. There can be no more than 10 keywords)*

**List of Partners and Matching Funds (Companies, Agencies, etc)**

*Note that the sum of cash and in-kind equals total funding for each partner. Should match the budget and be supported by letters of support.*

Partner 1 Name:

Partner 1 Contact Name:

Partner 1 – Total Funding ($):

Partner 1 – Cash ($):

Partner 1 – In-Kind ($):

**Suggested Reviewers** *(At least five suggested reviewers for the application. At least three of the five suggested reviewers must be working at locations outside of Canada. Suggested reviewers should not be members of the GlycoNet Scientific Advisory Board or Research Management Committee or Board of Directors. GlycoNet follows the* [CIHR/NSERC Conflict of Interest Policy](https://forum.glyconet.ca/data/CIHR_Harmonized_COIC_Form-e.pdf). *Please consult the policy before suggesting reviewers)*

Name 1:

Email:

Affiliation:

Name 2:

Email:

Affiliation:

Name 3:

Email:

Affiliation:

Name 4:

Email:

Affiliation:

Name 5:

Email:

Affiliation:

**Investigators’ Contribution to GlycoNet’s Committees and Board**

*Please explain how you have contributed to the governance and management or other activities (e.g. Symposium) of the Network.*

**Environmental Impact**

Does any phase of the research described in this proposal take place outside an office or a laboratory?

**Indicate Yes/No** –

*If Yes, please go to the NSERC website (*[*nserc.ca*](https://www.nserc-crsng.gc.ca/)*) to obtain the* [*Environmental Impact Form*](https://www.nserc-crsng.gc.ca/_doc/instructions/AppendixA-EI_e.pdf) *(Appendix A), complete it and submit it with your application.*

**Conflict of Interest** *Declare conflict of interest if any researchers involved on the project stand to receive a potential personal financial gain (i.e. ownership of shares in an industrial partner, consulting fees with industry partner, etc) from the results of the proposed research.*

**Outcomes from previous GlycoNet Funding (on the same subject/topic/project)***If your project was previously funded by GlycoNet, please provide outcomes of the research, such as important milestones, publications, presentations, patents, IP, partnership and collaborations, etc).*

**Project Summary** *(500 words maximum, approximately one page).*

Background (Provide a background. Clearly specify the problem and its importance):

List the primary goals and objectives of the project:

Detail the specific aims:

Briefly describe the research plan (to address the identified problem):

Highlight the expertise to execute the plan:

Expected Outcomes:

**Plain Language Project Summary** *Please provide a plain language (non-technical) summary of your project that can be used for promotion and public communication (e.g. GlycoNet’s website, press releases, social media). The summary should provide a brief overview of the project, what it aims to achieve and its anticipated contribution to glycomics and/or science and society.* ***Do not include confidential information.***

**Project Proposal** *(3,500 words up to a maximum of 10 pages,* ***including figure/scheme*** *legends inserted as pictures).*

**References**

**Commercialization Strategy and Impact Statement** *Please describe the impact (including socio-economic) of the project, and identify the tangible deliverables. For the translational strategy, describe who will benefit from this research (translational/industrial partners, patients, healthcare/agri-food systems). Please provide a detailed description of the commercial potential of your technology or discovery. Discuss any existing interest from industry partners, potential markets, and the expected impact of your technology on these markets. Include any plans for further development or scaling up of the technology.*

**Current IP Status** *Detail the current status of intellectual property related to your research.*

*If IP has been filed, provide details such as application numbers, filing dates, and the jurisdictions where the IP has been filed.*

*If no intellectual property protection has been filed, confirm whether a report of invention has been filed with your university. If yes, provide the date of filing.*

*If IP application is planned, outline the types of intellectual property you plan to apply for (e.g., Diagnostics, Compositions of Matter, Methods of Use). Describe the scope of each type and the anticipated filing timeline.*

*Describe how your technology differs from existing prior art. Highlight any novel aspects or improvements over current technologies. If existing prior art needs to be utilized, specify whether a license agreement for commercialization will be required. Discuss any preliminary steps taken towards securing such an agreement, if applicable.*

**Integration with GlycoNet Programs and Other Funding Opportunities** *Please describe how your project can be integrated into the broader GlycoNet suite of programs or other relevant funding opportunities. Specify which GlycoNet programs or initiatives you might target for application as your project reaches more advanced stages through the support of this grant. Identify other funding opportunities, including grants, fellowships, or partnerships, that you plan to pursue to support further development of your project.*

**Training Environment, including Equity, Diversity and Inclusion Considerations** *A plan of how equity, diversity and inclusion will be implemented within the training environment and the project team. A summary of training potential. This should include information on the number and type (i.e. undergraduate, graduate student, PDF, etc.) of expected Highly Qualified Personnel trained each year of the project, as well as the desired type of professional development training that GlycoNet could provide to HQP, for example, lab rotations, communication, and writing skills improvement, etc (500 words maximum).*

**Research Security**

I declare that I have read and understand the[Policy on Sensitive Technology Research and Affiliations of Concern (STRAC)](https://science.gc.ca/site/science/en/safeguarding-your-research/guidelines-and-tools-implement-research-security/sensitive-technology-research-and-affiliations-concern/policy-sensitive-technology-research-and-affiliations-concern) and the [National Security Guidelines for Research Partnerships (NSGRP)](https://science.gc.ca/site/science/en/safeguarding-your-research/guidelines-and-tools-implement-research-security/national-security-guidelines-research-partnerships).

**Indicate Yes/No** –

I confirm that this project complies with all relevant requirements as outlined in these policies.

**Indicate Yes/No** –