



GSC Sequence to Innovate Competition

Thank you for your interest in the 2025 GSC Sequence to Innovate Competition.

This form is intended to gather key details about your proposed project idea. Please complete as many fields as possible—even if some details are tentative—to help us assess the feasibility of your project and how well it aligns with our technology development platforms.

Note: Final project scope and budget for shortlisted applicants will be developed in collaboration with our technical team through a free consultation.

APPLICANT INFORMATION

Name:

Full name of the principal investigator or project lead.

Institution /Affiliation:

Specify your department, institution, or organization.

Email Address:

Primary contact for this application. If different from the PI/Project Lead, include both names.

Project Title:

A clear, concise title describing the proposed project.

PROJECT OVERVIEW

Project Summary

(Maximum 1300 characters)

Provide a brief but informative overview of the proposed project. Include the scientific problem that the work aims to solve and explain how this is novel (eg. novel application of existing technology or new technology).

Technical Details

Please answer the questions below to the best of your ability in order to help provide as full a picture of your project as possible:

Samples:

What species and types of samples would you like to sequence? How many samples do you have available and how many you would ideally like to sequence.

I hold current ethics / biosafety / animal certificates for these samples (if relevant)

Sequencing Technology:

What type(s) of sequencing you would like to do? e.g., RNA-Seq, WGS, targeted panels, long-read sequencing, methylation, single-cell).

Lab Protocols:

Provide any details of additional protocols that will be needed (e.g., extraction, library construction) and relevant publications.

Bioinformatics:

Will your project require analysis? If so, please include a brief description.

Anticipated Challenges:

Describe the areas of the experiment that you anticipate to be the most challenging technically.

ADDITIONAL PROJECT DETAILS

Potential Value Added:

How does this work contribute to existing projects? For example, will it support a manuscript, contribute to in-kind grant efforts, or align with institutional priorities?

Future Opportunities:

Are there upcoming funding opportunities or commercialization pathways that could be supported by the outcomes of this project?

Thank you for completing the application form!
Please submit it via email to innovate@bcgsc.ca.

Shortlisted applicants will be notified by September 19th 2025.

Shortlisted applicants will be required to prepare a graphical abstract or poster summarizing their project for display at the GSC Collaborator Forum 2025 on Friday October 24th.

Forum attendees will vote for their preferred projects of the 5 shortlisted projects.

The two projects receiving the highest number of votes will be selected as winners.

