



GenomeQuébec



les solutions sont dans les gènes



GENOME CANADA RFA: GENOMICS TECHNOLOGY PLATFORMS 2017-2022

Génome Québec

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CONTEXT

GÉNOME CANADA HAS LAUNCHED ON JULY 20, 2016 A FUNDING OPPORTUNITY TO:

- a) Select technology platforms best able to provide Canadian researchers access to leading edge genomics technologies and methods.
- b) Enable the selected platforms to develop new technologies and/or improve existing technologies that will improve services provided by the platform and will ensure that they remain at the forefront in providing access to leading-edge genomics technologies and methods.

Each technology platform provides researchers access to high throughput genomic technologies such as DNA sequencing, RNA expression, protein identification and quantitation, and metabolomics, as well as new method and protocol development, data analysis and bioinformatics.

Each platform also assists researchers in the development of research proposals by providing advice on appropriate technologies, study design, data analysis and bioinformatics that enables and improves the quality of the research.



AVAILABLE FUNDS, TERM AND CO-FUNDING

- ▶ Open competition
- ▶ Maximum total envelope from GC of **\$15 million per year**
- ▶ Period of five years (1st April 2017 to 31st March 2022)
- ▶ The **last two years of funding** are subject to the successful outcome of an interim review for each platform and Genome Canada receiving additional funds
- ▶ **Maximum** available funds from GC per platform: **\$2 million per year**
- ▶ **Co-funding ratio 1:1**
- ▶ **At least 50%** of the funds requested and awarded must be for **operations support** on an annual basis
- ▶ **Deliverables** from the first two years of the **technology development** component of the proposal will be realized and implemented on a fee-for-service basis to users of the platform **within 2.5 years** after the start of platform funding
- ▶ Only platforms selected to receive funds for operations support are eligible to receive funds from Genome Canada for technology development
- ▶ An integrated GE³LS component is not required



ELIGIBILITY

TO BE ELIGIBLE, EACH POTENTIAL TECHNOLOGY PLATFORM MUST FULFILL ALL OF THE FOLLOWING CRITERIA :

- ▶ Be accessible to Canadian researchers from universities, federal and provincial governments, hospitals, not-for-profit and other public and private sector organizations across Canada, including researchers not associated with the host institution.
- ▶ Provide access to leading edge genomic technologies on a fee-for-service basis.
- ▶ The lead applicant(s) must be affiliated with an eligible research institution.
- ▶ Demonstrate that an amount at least equal to the amount requested from Genome Canada will be secured through co-funding from other sources (75% for the first three years, before the time of release of funds). Such co-funding must be scheduled to be expended at the platform during the period for which Genome Canada funds are provided, i.e. April 1, 2017 to March 31, 2022.



ELIGIBILITY

- ▶ Co-funding associated with technology development **must be allocated specifically** for the proposed technology development project.
- ▶ Any proposed **technology development activities** must be primarily **conducted within the platform** where the services will benefit from the results and **deliverables implemented** on a fee-for-service basis to users of the platform **within 2.5 years** after the start of platform funding
- ▶ **Any one facility may submit one application.** In cases where multiple -omic services are provided within a single large facility, applicants will be allowed to submit only one application that may include requests for funding for the provision of multiple -omic services and/or technology development projects.



CO-FUNDING SOURCES

- ▶ Eligible
 - ▶ Companies
 - ▶ Venture capital or other investment funds
 - ▶ An industry consortium
 - ▶ Institutional funds, trust funds, or foundations
 - ▶ Charities and philanthropic organizations
 - ▶ Departments and agencies of the federal government
 - ▶ NRC (Natural Resources Canada)
 - ▶ AAC (Agriculture and Agri-Food Canada)
 - ▶ Economic Development Agencies
 - ▶ CFI (Canada Foundation for Innovation): The expenses must be incurred during the GTP 2017-2022 funding period
 - ▶ And...



CO-FUNDING SOURCES

Funds obtained from these sources indirectly through cost-recovery of expenses (i.e., **fee-for-service**) are eligible :

- ▶ CIHR (Canadian Institutes of Health Research)
- ▶ NSERC (Natural Sciences and Engineering Research Council)
- ▶ SSHRC (Social Sciences and Humanities Research Council)
- ▶ CRC (Canada Research Chairs)
- ▶ NCE (Networks of Centres of Excellence)
- ▶ Apogée Canada (Canada First Research Excellence Fund),

Exception: revenue coming from Genome Canada funded projects.



REGISTRATION

DEADLINE FOR REGISTRATIONS AT GÉNOME
QUÉBEC:

SEPTEMBER 2, 2016 – 5 PM



FULL APPLICATION

DEADLINE AT GÉNOME QUÉBEC:

SEPTEMBER 22, 2016 – 5 PM

REVIEW OF APPLICATIONS AND RETURN OF
COMMENTS TO PIs (ITERATIONS)

OCTOBER 17, 2016

OCTOBER 31, 2016: SUBMISSION TO GQ

NOVEMBER 10, 2016: SUBMISSION TO GC



FULL APPLICATION: 22 SEPT

Document Name	Code	Format	Contents
Signature Pages (31 Oct.)	SIG	One (1) PDF document	Signature pages of the Application form
Application Form	APF	One (1) PDF document	Sections 1 to 15 of the application
Budget	BUD	One (1) XLSM document	Completed budget form
Appendix 1 - Budget Supporting Documents	BSD	One (1) PDF combining all documents – each supporting document should be on new page	Cover page with list of supporting documents Supporting documentation for budget
Appendix 2 - Curricula Vitae (Cover Page and all CVs)	CV	One (1) PDF document	Cover page with list of CVs CVs for proposed Platform Leaders and any Core Staff whose salaries are requested from Genome Canada.
Appendix 3 - Letter of Support From Host Institution	LOS	One (1) PDF document	Letter of support from the Platform's host institution.
Appendix 4 - Supporting Documentation for Co-Funding	SDC	One (1) PDF document	Documentation supporting secured or proposed co-funding.

EVALUATION CRITERIA

THE PRIMARY CRITERIA FOR ANY TECHNOLOGY PLATFORM TO RECEIVE FUNDING FROM GENOME CANADA ARE :

- ▶ Proven demand for services based on past, current and potential future projects funded by Canadian public and private sector organizations and made available on a fee-for-service basis.
- ▶ Technical ability to deliver services, including whether services are provided in a competitive fashion, i.e., in a timely manner, at reasonable cost and at a consistently high quality.
- ▶ Demonstration of sufficient capacity, including infrastructure, and plans for updating capacity, as required.
- ▶ The quality of the applied research proposal and whether it will lead to more efficient and/or effective services for users of the platform.
- ▶ The technical ability of the team to carry out the applied research and implement the results on a fee-for-service basis to users of the platform.
- ▶ Management and financial structure.



REPORTING TO GENOME CANADA AND GÉNOME QUÉBEC

- ▶ Quarterly financial reports.
- ▶ Annual activities report to Genome Canada and biannual to Génome Québec.
- ▶ The platforms must identify cost savings and these must be translated into lower pricing of services to users. Reporting of lower prices must be made to Génome Québec annually.
- ▶ Interim review: Genome Canada will be organizing an interim review by international experts during the third year of funding. The last two years of funding for each platform are subject to the successful outcome of this interim review.
- ▶ It is expected that the Technology Platform Leaders will meet annually at a meeting organized by Genome Canada.



TIMELINE

Activity	Génomome Québec	Genome Canada
Launch of Competition		July 20, 2016
Registration	Sept 2, 2016	Sept 8, 2016
Full application	Sept 22, 2016	Nov 10, 2016
All applicants notified regarding dates for potential interview with the International Review Committee	Late Nov, 2016	
Shortlisted applicants notified regarding interviews with the International Review Committee	Mid-Jan, 2017	
International review committee meeting, including videoconference interviews with shortlisted applicants	Mid-Feb, 2017	
Decisions (Board of GC)	Mid-March, 2017	
Notification of Decision	Late March, 2017	
Start of Funding	<i>"April 1, 2017"</i>	

MORE INFORMATION

- ▶ <http://www.genomecanada.ca/medias/pdf/en/guidelines-funding-research-projects-june-2014.pdf>
- ▶ Exceptions described in Appendix C of the RFA



CONTACTS

DIANA IGLESIAS

PROGRAM MANAGER

- diglesias@genomequebec.com
- Tel: 514-398-0668, extension 222

HÉLÈNE FOURNIER

PROGRAM DIRECTOR

- hfournier@genomequebec.com
- Tel: 514-398-0668, extension 219



INVESTIGATOR ELIGIBILITY

Genome Canada funds can be awarded to researchers and scholars affiliated with the following institutions and organizations:

- Canadian post-secondary organizations and their affiliated institutions including hospitals and research institutes;
- Canadian non-federal government departments or agencies and not-for-profit organizations (including community or charitable organizations) with an explicit research or knowledge-translation mandate.

Research teams may include as co-applicants international, private sector (for-profit organizations), or federal laboratory scientists. However, Genome Canada funding is restricted to work performed within Genome Canada eligible institutions, i.e., Genome Canada will not support research to be undertaken outside Canada, in for-profit organizations or in federal laboratories, except for costs incurred based on a reasonable fee-for-service arrangement or contract.



EXAMPLE

	Year1	Year2	Year3	Year4	Year5	Total
GC \$	\$2M	\$2M	\$2M	\$2M	\$2M	\$10M
Other sources \$	\$2M	\$2M	\$2M	\$2M	\$2M	\$10M
TOTAL	\$4M	\$4M	\$4M	\$4M	\$4M	\$20M

75% of the co-funding must be secured before the time of release of funds (\$4.5M in this example (75% of \$6M))

