
CIHR Pre-announcement - Pan-Canadian Human Genome Library

Sponsor

The CIHR Institute of Genetics (IG) and Genome Canada are thrilled to partner with the CIHR Institute of Aging (IA), Institute of Circulatory and Respiratory Health (ICRH), Institute of Gender and Health (IGH), Institute of Infection and Immunity (III), Institute of Musculoskeletal Health and Arthritis (IMHA), Institute of Nutrition, Metabolism, and Diabetes (INMD), CGEn and the Digital Research Alliance of Canada (DRAC).

Description

The development of a Pan-Canadian Human Genome Library, a national asset, will enable all human sequencing efforts to be united for the benefit of all the people living in Canada.

The specific objectives of this funding opportunity are to:

Develop a federated pan-Canadian framework that will enable access to and analysis of genomes and associated health/environmental information, governed in a transparent, accountable and consistent way;

Support equity, diversity and inclusion by capturing the Canadian genomic “variome” to truly represent the richness of the genomic diversity of people living in Canada, and in all its diversity by promoting the inclusion of detailed information on key identity characteristics, such as sex, gender, and other intersecting identity factors, that shape the health;

Position the framework as a **key mechanism to improve effectiveness** - both from an economic and health perspective - **of healthcare delivery** in a learning health system context;

Provide means and opportunities to facilitate clinical trials based on genomic medicine;

Position Canada as a key player in international genomic research endeavours.

Funding Availability

The total amount available for this funding opportunity is \$15,000,000, enough to fund one grant.

Maximum Project Value

\$3,000,000 per year to a maximum of \$15,000,000.

Project Duration

Up to 5 years.

Special Notes

Expression of Interest

All applicants interested in submitting, participating in and/or joining an application to this call must submit an Expression of Interest (EOI) by email to support-soutien@cihr-irsc.gc.ca [1] **no later than 8:00 p.m. (EDT) on November 3rd, 2022. Note that this task is mandatory to be eligible to submit a Letter of Intent as a Nominated Principal Applicant.** While there will only be one grant awarded, collaborations are highly encouraged.

Collaboration Meeting

CIHR will schedule a collaboration meeting **Friday November 18th, 11-2PM EST**, with those who submitted an EOI. **Eventual Nominated Principal Investigator participation is mandatory.** The goals of this meeting will be to: (1) support participants with the requirements of this funding opportunity; (2) allow participants to explore potential collaborations across teams prior to the submission of the LOI; and (3) answer questions. A formal meeting invite will be sent by email following the EOI deadline.

Anticipated Timelines

Launch Date: October 20th, 2022

Expression of Interest Deadline: November 3rd, 2022

Collaboration Call Webinar: November 18th, 2022

Letter of Intent Deadline: January 12th, 2023

Full Application Deadline: June 13th, 2023

Notice of Decision: August 31st, 2023

Funding Start Date: July 1st, 2023

Deadlines

If College-level review is required, your College will communicate its earlier internal deadlines.

Type

Internal Deadline

Notes

Applicant must submit a copy of the application and complete OR5 form a minimum of one week prior to the external deadline to research.services@uoguelph.ca. [2]

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[1] <mailto:support-soutien@cihr-irsc.gc.ca>

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