

Name:

File number: 340037

## Registration

THIS IS A DEFAULT ENGLISH VERSION OF THE FORM. Please refer to the program rules and the French version of the form to make sure you provide the right information. To access the French version of the form, get back to the "My forms" tab and change the display language in the upper right corner of the screen.

The form including all required documents must be submitted before 19 September 2023 at 16:00.

Read the program rules (program web page) and the Common General Rules (CGR) to verify the eligibility requirements and to help you fill out the form correctly.

Refer to the <u>Presentation standards for PDF attachments to FRQnet</u> forms available in the Documents section of the FRQnet E-portfolio for complete presentation instructions.

**IMPORTANT**: All co-investigators must have confirmed their participation prior to submitting the application form. As well, prior to submission, the Canadian Common CVs of the principal investigator and co-investigators have been submitted and the detailed contribution files must have been attached to their respective electronic portfolios in the Canadian Common CV section.

It is recommended that you validate the contents of your form well in advance of the deadline to allow you to make any necessary corrections. The "Validate form" button is located at the bottom of the Signature and Submission section.

In all sections of the form with a Save button, it is important to save the informatic on the page before clicking the Validate page button.

Name: File number: 340037

## **Principal investigator**

The Principal Investigator is responsible for the scientific direction and execution of the research project, program or infrastructure, as well as the administrative and financial aspects of the grant, including corresponding with the Fonds.

Refer to the program rules for eligible research statuses. For status definitions, see the Status and Roles section of the FRQ Common General Rules.

Nip:

Name:

First Name:

\*Research Status

## **CONTACT INFORMATION**

This information is displayed for consultation purposes only a d co er from the My Profile page of the FRQnet Electronic Portfolio.

If the information is missing or incorrect, you can change it to the My Profile page of the FRQnet Electronic Portfolio.

Adress:

Name: File number: 340037

## **Managing institution**

The managing institution is the employing institution of the Principal Investigator. Note that the Employing and managing institution drop-down menu contains only Institutions recognized by the FRO to manage funding.

Once the information has been saved, the managing institution will be able to see this form in the Institutions portal.

Managing institutions may set an internal deadline for the approval of applications that is earlier than the competition deadline. This date will be posted on the "My forms" page under "Institutional deadline".

It is essential that this form be submitted before the institutional deadline, or before the competition deadline. The institution must then approve it within the timeframe prescribed in Section 3.2 of the Common General Rules.

For applicants employed by a college centre for technology transfer (CCTT), the associated college must be identified as the employing and managing institution.

**Employing and managing institution** 

Principal university affiliation

Department / Administrative Unit / School /

## Campus / CCTT INFORMATION SEULEMENT

Name: File number: 340037

## **Pre-eligibility**

I confirm that I, the principal investigator, and all co-investigators involved in this application are employed by an institution recognized by the FRQ to manage funding (see the list of <u>Recognized institutions</u>)

I confirm that the principal investigator and co-investigators respect the participation limits as defined in the program rules.

The principal investigator and co-investigators have eligible statuses under the program rules.

The proposed research project covers a maximum period of 3 years.

The team includes a minimum of 2 co-investigators.

Name: File number: 340037

## Title and research fields

### Title

Indicate the title of your funding application.

\*Title

Must be in French

### Classification

A complete list of permitted values for the different drop-down lists used in the Fonds research classification system is available in the <u>Documents</u> section.

List, in order of priority, the research sector(s) to which your research activities belong.

\*Sector 1.

2.

3.

4.

Indicate the research discipline(s) that best describe the research.

\*Discipline 1.

Discipline 2.

Indicate the main field of research to which your application belongs.

\*i eld of est rcn

Indicate the research to ics t lat a ply to y un a pl ation.

\* Research to vic 1.

Research topic 2.

Indicate the field and sub-field of oplication in which our research ctivities i

\*Field of a, lica on

Sub-field capraica on

Indicate six keywords, from the most general to the most specific, that best describe your research project or program.

\*Keywords

Name: File number: 340037

PR: 2024-2025

## Responsible research

This section will not be available to the evaluation committees. If the information requested here is relevant to the evaluation of the funding application or required by the program, it should be repeated elsewhere in the funding application.				
Consideration of sex and gender – Declaration	<u>on</u>			
In order to meet <u>Health Canada recommendations</u> , sex- and gender-based analyses should be included in research on therapeutic products (medical devices, genetic therapies, natural health products, pharmaceuticals, biologics and radiopharmaceuticals).				
*Indicate if the research concerns a therapeutic product.	○ Yes ○ No			
If you answered «Yes» to the previous question, indicate whether the research considers sex or gender.	<ul> <li>Yes, the research takes into account sex (biological aspects) or gender (sociocultural aspects).</li> <li>No, t ∈ research does not to e into account se nor gender.</li> <li>Not a purcabl</li> </ul>			

Indicate if your research Preject involves:

\*Cleck our coice.

Requercle impliquant de être hun ains (participa on dire te ocutilisa on ce mate el biologique humain ou de données concernant des etres humains).

Recherche avec des animaux

lone of the bove.

\*I understand that approvals may be required before starting the research.

## Éthique de la recherche – Demande d'accès aux données

\*Indiquer si la recherche implique une demande d'accès aux données concernant des êtres humains, détenues par un organisme public québécois (ex.: ministère, établissement de santé).

○Yes ○No

Name: File number: 340037

## **Environmental risk - Declaration**

The "Action plan for environmental responsibility in research" requires identifying the level of environmental risk involved in research and, in some cases, specifying mitigation measures. Consult the "Environmental Responsibility" page for more information.

\*Indicate the level of environmental risk associated with the research.

A) Minimal risk: the environmental impact exceeds the impact of day-to-day human impact does not exceed the impact of day-to-day human activity.
 B) Greater than minimal risk: the environmental impact exceeds the impact of day-to-day human impact exceeds the impact of day-to-day human activity.
 B) Greater than minimal risk: the environmental impact exceeds the impact of day-to-day human activity.

Name: File number: 340037

## **Abstract**

Should funding be granted, I agree to allow the FRQ to publicly release the lay abstract and title on this page in whole or in part and by any means (Web site, Facebook, Twitter, etc.).

Accordingly, I am not including personal information or confidential or protected information whose release may compromise a patent filing or publication request.

The FRQ shall comply with all applicable copyright laws, in particular by referring to the author. The FRQ reserve the right to edit the text without notice before releasing it.

O Yes O No

## Abstract for a general audience

Provide an abstract in language that can be understood by the public.

\*Abstract in French

## POUR

Name: File number: 340037

## **Success of past collaborations**

If, as principal investigator of a team, you have received a grant under the funding career advancement continuum in recent years, indicate briefly the results obtained through this FRQNT funding in terms of scientific contributions or dissemination, technological developments if applicable, collaborations, knowledge transfer and/or student supervision including co-supervision.

The document must be no larger than 2 MB, contain a maximum of 1 page, be clearly readable, and be attached in PDF format.

File name	Type of document	Date	Taille (Ko)

Name: File number: 340037

## **Co-Investigators**

### Co-applicants list

Add co-investigators whose research statuses are eligible under the program rules. Status descriptions are provided in the <u>FRQ Common General Rules</u>. Co-investigators' CVs are considered in the application evaluation. Individuals identified as co-investigators in this form will receive an email procedure for confirming their participation in the application and submitting their CV.

The employing institution indicated must be the one that pays the co-investigator's salary.

For individuals employed by a College Centre for Technology Transfer (CCTT), the college of affiliation must be identified as the employing institution.

### CO-INVESTIGATORS - Research statuses 1, 2 and 3 of the Common General Rules

**It is the principal investigator's responsibility** to ensure that all Status 1, 2 and 3 co-investigators have 1) confirmed their participation via the *As a co-investigator* section of their E-portfolio; 2) submitted their updated Canadian Common CV to the Fonds; and 3) attached their updated Detailed Contributions file in their FRQnet portfolio, section *Common Canadian CV*. This must be done before the institution deadline date and time, or the competition deadline date and time, to allow for submission of the application form. Go to the « My forms » page and click on the link in the « Other statuses » column to verify.

(The list is empty)

Name: File number: 340037

## **Collaborators**

List key collaborators.

A collaborator is an individual who brings specific expertise to the project or research program, as appropriate. He or she does not provide a CV and cannot be delegated to manage a portion of the funds.

For the definition of the possible Roles in the application, refer to the FRQ Common General Rules.

If the institution is not listed, consult the help bubble to request an addition. If the collaborator is not attached to any institution, select No affiliation or home institution.

**Collaborators list** 

(The list is empty)

Name: File number: 340037

## **Project or program description**

### PROJECT DESCRIPTION

Present the application by addressing each of the evaluation criteria listed in Section 5 of the program rules.

The document must be no larger than 2 MB, contain a maximum of 10 page(s), be clearly readable and be attached in PDF format.

File name	Type of document	Date	Taille (Ko)

Name: File number: 340037

## **Bibliography**

Provide a bibliography identifying only the references cited in the project or program description.

The document must be no larger than 2 MB, contain a maximum of 1 page, be clearly readable, and be attached in PDF format.

File name	Type of document	Date	Taille (Ko)	

Name: File number: 340037

## **Teaching release - Colleges**

Indicate, for each team member meeting the status of "college researcher," the estimated amount of teaching release time requested, if any.

(The list is empty)

## SUPPLEMENT for teaching release for eligible Status 3 researchers with teaching duties.

Indicate the name of each college researcher requesting a teaching release, the amount requested for each (maximum \$16,000 per year) and justify the teaching release request, specifying each researcher's role in the research project.

**IMPORTANT:** This section applies only to college researchers with teaching duties. However, salary support for college researchers with no teaching duties may be requested under the research project grant in the « Budget » section of this form – please refer to the program rules.

All attached files must respect the presentation standards described in the program rules.

The document must be no larger than 2 MB, contain a maximum of 1 page, be clearly readable, and be attached in PDF format.

Fichier joint

File name Date Taille (Ko)

Name: File number: 340037

## Other sources of funding

Other	funding obtained	for the same	project or th	e same rese	arch program.	If the fundi	ng source
is not	on the list, see the	e tooltip to re-	quest an addi	ition.			

Have you obtained one or more other sources of funding for this project or research program?

List of funding obtained

(The list is empty)

If you already have one or more funding sources for this same project or research program, justify and clearly explain the complementarity or possible overlap of the various funding sources.

File name Type de document Date Taille (Ko)

Name: File number: 340037

## **Budget**

### **Operating grant**

For each category of eligible expenses, indicate the expected amount. Click on the link below for an overview of all eligible expenses.

The total amount requested annually for operating expenses must not exceed the limits allowed by the program rules. This includes small equipment whose unit cost is \$7,000 or less, which must be declared in the category "Equipment (purchase, rental, operating costs, maintenance, installation, repair)" of the budget table below.

Overview of eligible expenses

(The list is empty)

 $\label{eq:attachment} ATTACHMENT-Justification\ of\ planned\ expenditures$ 

Attach a PDF file of up to one page justifying the planned operating expenditures.

File name

Type c docur ent

Date

Taille (Ko)

Name: File number: 340037

## **Suggestions of experts**

Suggest 8 experts from Québec or outside Québec with recognized expertise in the research area of the application. The experts must have no current or recent (five years or less) collaborative relationship with the principal investigator or co-investigators. Please refer to the General Common Rules - Conflict of Interest Management.

The experts must have sufficient knowledge of the language in which the application is written.

The Fonds will decide whether or not to contact the suggested expert(s). They will not be notified of your suggestions.

List of experts

(The list is empty)

Name: File number: 340037

## Other documents

Attach the supporting documents to your funding request. They will be added at the end of the form. **Only one file per type of document is allowed.** Make sure to use all the possible options to optimize the size of your documents (black / white, image size, Acrobat optimization options, etc.) furthermore, ensure that PDF documents are not protected and that they do not contain bookmarks.

Consult the <u>Presentation standards for files (PDF) attached to FRQnet forms</u> available in the **Documents** section of the FRQnet electronic portfolio to read all presentation instructions.

Consult the program rules to find out which documents are required according to your situation and what specific information to provide in each document. Any document not required will be withdrawn from the funding request for its evaluation by the scientific committee.

File name Type of document Date Taille (Ko)

Name: File number: 340037

## Signature and submission

### COMMITMENTS OF THE APPLICANT

I declare and warrant the following:

- 1. All the **information** contained in the application and all the information I shall subsequently provide related to this form or any funding obtained (documents or further details required by the Fonds, reports, etc.) is and shall be **accurate and complete**. I shall notify without delay the FRQ of any changes to the information I have entered.
- 2. The Co-Investigators named in my application as taking part in the research project or program and other project collaborators, if applicable, have confirmed their desire to participate in the research project or program and I have obtained their authorization to provide their personal and confidential information.
- 3. I own all rights to the content of this application and take full responsibility for it. Where applicable, these responsibilities are shared with my co-researchers.
- 4. I have read and agree to comply with the obligations set out in the *Common General Rules* of the Fonds de recherche du Québec (Fonds de recherche du Québec Nature et technologies, Fonds de recherche du Québec Société et culture, hereinafter the "FRQ") and the **FRQ's** *Open Access Dissemination Policy*, as they are updated periodically (see the « DOCUMENTS » tab), and to comply with all terms and conditions set out in the *Program rules* to which I am applying, as well as all other terms set out in the award or grant letter and at the time the payments are made.
- 5. I have read and agree to comply with the standards of ethic and interactive of the 1 Q, including the esset out in the *Politique d'éthique en recherche du FRQNT* (see the « DOCUMENTS » tab), as updated periodically, taking to account any acceptance of the practices in my area of research.
- 6. I have read and agree to comply with the provisions of the *Policy for the Responsible Conduct* of Research of the FRQ (see the « DOCUMENTS » tab), as updated periodically, as well as those set out in institutional policies with regard to the responsible conduct of research, as they apply to my research activities. In the event of a breach of responsible conduct of research allegation Luccept that the FRQ may exchange personal and confidential information concerning myself with the managing institution and the foll wing againstation, if applicable, and a label of the program of which the allegation relates; any institution concerned by the allegation; and any public research fulling accuracy concerned to the allegation. This information may include: The allegation, the supporting documents, the review approach etc.
- 7. I am not currently ineligible to receive funding from a Canadian or international public funding agency as the result of a **substantiated breach of responsible conduct of research.**
- 8. I shall immediately advise the look to we ich J am abmitting the application should be come if eligible to apply its funding of receive funding from a Canadian or international public funding agency as the reach of reach of reach of sponsible conductor international public funding agency as the reach of reach of receive funding from a Canadian or international public funding agency as the reach of reac
- 9. I understand that **failure to comply with any of these commitments** may lead to the withdrawal of an application from the review process, or to the suspension, withdrawal, termination or even reimbursement of funding, or any other type of administrative penalty related to the privileges granted by the FRQ.

## AUTHORIZATION REGARDING PERSONAL AND CONFIDENTIAL INFORMATION SUBMITTED AS PART OF THE APPLICATION PROCESS

The information entered on the funding application forms, and all other forms relating to the management of any funding, shall be treated confidentially and in accordance with the Act respecting Access to Documents Held by Public Bodies and Protection of Personal Information (CQLR c A-2.1, hereinafter the Act), as well as with the *Statement regarding the protection of personal and confidential information* (see the « DOCUMENTS » tab, hereinafter the "Statement").

Name: File number: 340037

•	I have read the Statement and authorize the Fonds to keep, use and release all the personal and scientific information contained in	my personal file, in
	accordance with the terms set out in the Statement and the Act, and on the condition that the individuals authorized to access my personal in	nformation undertake
	to treat it confidentially.	

## Identification

You must agree with the commitments and authorization.  $\bigcirc Yes \\ \bigcirc No$