Name: File number: 322261

#### Registration

THIS IS A DEFAULT ENGLISH VERSION OF THE FORM which has not been fully validated. 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.

#### IMPORTANT

You must submit this form **before the deadline set by the institution** that will approve your application. Following the approval given by the institution, your application form will be automatically submitted to the FRQS if the deadlines are respected.

To find out your institution's deadline, you must first indicate the institution and save it at the section "Managing institution" in your application form. The institution's deadline will be displayed under the "**Your institution's deadline**" column on the "My forms" page. In addition, the value under the "**Form status**" column allows you to track the approval and submission process of your application form.

Eligibility criteria can be found at the program guide.

It is important to carefully read the common general rules (<u>RGC</u>) as well as all relevant documentation before starting to fill out this form, in particular the eligibility requirements.

Consult the <u>Presentation standards for files (PDF) a</u> ache te <u>FRQnet orn</u> available i the **J** ocuments section of the FRQnet electronic portfolio to read all the presentation instructions.

In all sections of the form where a "Save" button is present, it is important to save the information of the page before clicking on the "Validate the page" button.

### **Principal investigator**

The principal investigator (co-director) 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

The information is displayed for consultation purposes only a 1 cores from the **My** rofile age for the Electronic Portfolio. If the information is missing or incorrect, please edit it on the My Profile page (for the Address Type field 1) out as the selection of the **My** rofile age for the Address Type field 1) out as the selection of the field rest.

## Adress: INFORMATION SE-Fail-ULENENT

### **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 <u>Institutions recognized to manage funding</u>.

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. The institution must then approve it before the competition deadline.

#### Employing and managing institution

Principal university affiliation

Department / Administrative Unit / School / Campus / CCTT

### **Co-Applicant**

It is required to designate a **co-candidate** (**co-director**). When applicable, this person is responsible, jointly with the principal investigator, for the scientific direction and the achievement of the strategic action plan of the cluster, as well as the funding administrative aspects.

The designated co-applicant, in addition to being employed by a managing institution, must meet the definition of one of the following research statuses (defined in the Common General Rules of the FRQ):

- University researcher

- Clinical university researcher

Please ensure that the cocandidate has given consent AND submitted an up-to-date Canadian Common CV to the FRQS before the deadline.

The Canadian CV of the co-candidate and the attachment of their detailed contributions are required to allow you to submit your file. A notification is automatically sent to him upon registration advising him of his involvement in your funding request. You can follow up anytime on the "My forms" page, by clicking on the "View" link in the "Other status" column of your file.

#### Liste des codirecteurs

(The list is empty)

### **Pre-eligibility**

I certify that the team described in this application is composed of:

- 1 principal investigator of status 1 or 2 (co-director);

- 1 co-candidate of status 1 or 2 (co-director);

- 6 to 10 co-investigators of status 1, 2 or 3 \* of the RGC (\* status 3: with at least an M.Sc., regardless of the field of research).

I certify that one of the co-directors is from the field of AI and the other from the field of Life Sciences.

I certify that the managing institution is the one of the principal investigator.

I certify that the researchers included in this application represent at least 2 Quebec universities.

I certify that at least 50% of the researchers included in this application come from the field of AI.

I understand that all researchers of status 1, 2 and 3 on the team must submit a Canadian Common CV in the Fund manager version of the targeted call for proposals of this funding request, and a detailed Contributions file according to the format of one of the Fonds, to their FRQnet portfolio, Canadian Common CV section.

I understand that a researcher can participate in a maximum of 2 applications within this program but that a researcher can only submit one application as codirector (principal investigator or co-candidate).

#### **Title and research fields**

Title Indicate the title of your funding application. **\*Title** Must be in French **Title in English** Classification A complete list of permitted values for the different drop-down lists used in the Fonds research classification system is available in the Documents 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 resear n. \*Discipline 1. **Discipline 2.** ATION Indicate the main field f res 2. Th to whice your are lication belongs. \*I ield f rese rch Indicate the research topics that apply to your application. \*Research topic 1. HNT Rese rch lopi 2. Indicate the field and sub-field of application in which your research ctivities t **Field of application** Sub-field of application Indicate six keywords, from the most general to the most specific, that best describe your research project or program. \*Keywords

### **Co-Investigators**

#### **Co-applicants list**

Add co-investigators whose research status qualifies under program rules. The description of status is presented in the <u>FRQ common general rules</u>. These are the individuals whose CVs are considered at the time of application evaluation. Individuals added to this form as co-applicants will receive an email detailing the procedure for confirming their participation in the application and submitting their CV.

The employing institution listed must be the one that pays the co-applicant. See the tooltip for special cases.

For individuals employed by a college technology transfer center (CTTC), the college of affiliation must be identified as the employing institution.

#### **CO-INVESTIGATORS - Statutes 1, 2, and 3 (Common General Rules)**

It is the responsibility of the Principal Investigator to ensure that all Status 1, 2, and 3 Co-Investigators have 1) confirmed their participation via their FRQnet portfolio, section *As a co-investigator*, 2) forwarded their updated Canadian Common CV to the Fonds, and 3) attached the updated Detailed Contributions file to their FRQnet portfolio, section *Canadian Common CV*. This must be done prior to the institution's deadline to allow the form to be submitted. Consult the "My Forms" page and click on the link in the "Other Status" column to verify this.

(The list is empty)



#### Abstract

Should I receive funding in connection with this application, I agree to allow the FRQ to publicly release the abstract on this page and the title of the project, in whole or in part and by any means (websites, social media, etc.).

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

The FRQ will comply with all applicable copyright laws and reserve the right to edit the text without notice before releasing it.

○Yes ○No

Abstract for a general audience

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

\*Abstract in French

Only if your application is written in English, complete the field hereunder.

Abstract in English

SEULEMENT

#### **Roles of the team members**

The role and research status of each team member must be well defined. For example, team members must adequately demonstrate that they are or will be actively collaborating on the proposed project and specify the amount of time allocated to the project or the level of involvement.

Present your research cluster including the expertise and specific contribution of each team member and their collaboration. In addition, demonstrate the optimal integration and impact of synergies linked to the range of expertise to foster a more dynamic AI and health ecosystem. Refer to the program rules for more details.

A maximum of three (3) pages are allowed.

File name	Type of document	Date	Taille (Ko)
	POUR		
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#### **Research cluster description**

Describe your research cluster while including the following aspects:

- The dynamics of the proposed governance structure and the inclusion of students and postdoctoral fellows in the cluster and in its governance;
- The planned scientific activities and a content proposal of the scientific agenda that could be explored for the annual conference;
- A brief description of the projects, research themes, potential objectives, research questions and methodologies that could be used as well as the mechanisms to select the projects that will be funded;
- The pooling infrastructure (material and human) and services;
- The host institutions setting;
- The concrete implementation of the principles of equity, diversity and inclusion.

Please also explain how this cluster will help:

- Create an AI and health community and support network between members of the AI and health research communities (students, post-doctoral fellows and researchers);
- Develop unifying joint initiatives;
- Create a dynamic and inclusive collaborative space;
- Attain one or many of the United Nations Sustain ple velopme. (Go

Please refer to the program rules for objectives and specific mandalis, privaty themes and evaluation criteria.

A maximum of eight (8) pages are allowed, including tables and figures but excluding bibliographic references.

IN	FORMA	TIO	N
File name	Type of document	Date	Taille (Ko)

### **Bibliography**

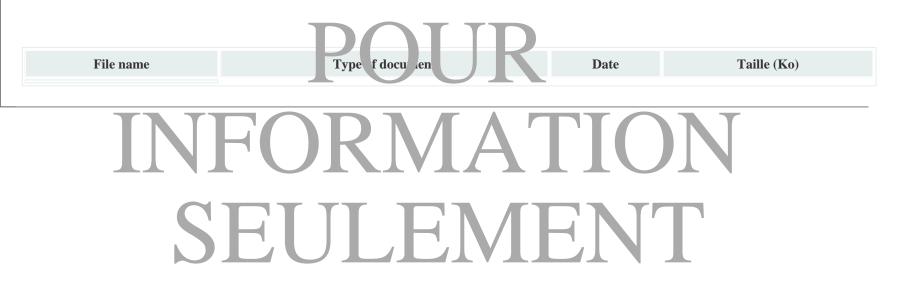
Clearly indicate, avoiding abbreviations, the most relevant references pertaining to the research project.

A maximum of three (3) pages are allowed.

#### Suggested format:

Article: Author List (Year). Article Title. *Journal name*, Volume (issue), pp. start page - end page. <u>Url</u>. Book: List of authors (Year). *Book title*. Place of publication: Publishing house. <u>Url</u>. Book chapter : Author List (Year). Chapter Title. In A. Publisher1, B. Publisher2, & C. Publisher3 (Eds), *Book title* (pp. beginning page - end page of chapter). Place of publication: Publishing house. <u>Url</u>.

Precision for list of authors: last name, first name initial(s); if more than 6 authors, add "et al." Precision for Name of journal: full wording if possible or common abbreviation, italicized. Precision for Url: optional, e-mail address of publication, if applicable.



#### **Impacts and benefits**

Describe the concrete expected impacts and benefits for the Artificial Intelligence in health and how your cluster will help to achieve the objectives of this program in the short term in terms of acquiring knowledge and know-how, mentoring and developing new concepts, models and methods in basic research and innovation in AI in areas that will contribute to health improvements.

Describe your plan for dissemination of cluster results and knowledge transfer by specifying how the results might be used and who can make effective use of them. Refer to the program rules for more details, especially regarding objectives and specific mandates as well as evaluation criteria.

A maximum of two (2) pages is allowed.

File name	Type of document	Date	Taille (Ko)
	POUR		
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### **Ethics**

III.

Indicate if your research Program involves:		
*Check your choice	<ul> <li>Participation of human beings.</li> <li>The use of human biological material (parts, products, tissue, cells, genetic materials, derived from a living or dead individual).</li> <li>Assisted procreation activities or the use of human embryos derived therefrom, within the meaning of the Act respecting clinical and research activities relating to assisted procreation (CQLR c. A-5.01).</li> </ul>	
	<ul> <li>The use of administrative, scientific or descriptive data from human participants.</li> <li>Use of experimental animals, or animal parts, products or tissue.</li> <li>None of the above.</li> </ul>	
Since this section will not be accessible to evaluation <b>A) Minimal risk : the environmental</b>	d with the research (we the "Environmental Reconsubility" section on our website) : ion committees, include all one information required by the program elsewhere in the funding application. B) Greater than minimal risk : the environmental impact exceeds the impact of day-to-day human or vity. In the ventof funding, You will not d to specify the initiation masses being considered or the measures that must to talen to comply with egal requirements.	
Inclusion of gender and sex Since this section will not be accessible to evaluate *Indicate whether the research it roly as gender or sex-based analysis (see article 5.5 of the Common General Rules for more information) :	<ul> <li>ion committees, include all the information require aby the program disewhere in the funding application.</li> <li>include the non-on-off genuer (actional tural aspects) is taken into account.</li> <li>include the notion of sex (biological aspects) is taken into account.</li> <li>No, the research does not take into account the notion of gender or sex.</li> </ul>	
Describe how the research takes into account the notion of gender or sex. If it does not, explain why.		

### Budget

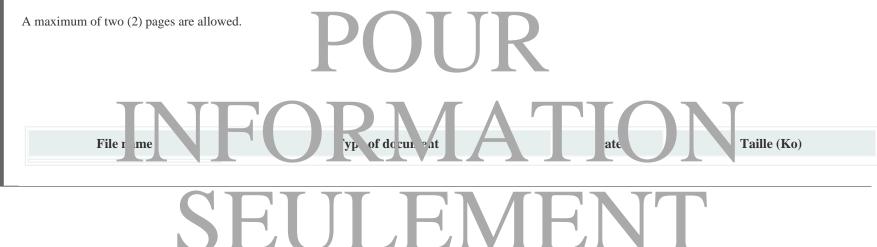
Describe the expenses for all relevent budget categories.

Please refer to the program rules for the maximum amount allowed and for details on eligible expenses. The maximum amount is taken into consideration in the validation of the page.

Overview of eligible expenses

(The list is empty)

Justify each of these expenses and indicate other sources of funding if applicable.



#### **Suggestions of experts**

Suggest 5 experts from 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, co-applicant or co-investigators. Please refer to the <u>General Common Rules</u> - 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)

#### **Interruption or slowing down of research**

This section allows you to identify, if applicable, circumstances related to the COVID-19 pandemic that may have slowed or delayed your research activities (family obligations, illness, disability, bereavement, laboratory closure, increased time spent teaching or serving the community, etc.).

The description should include the reasons and start and end dates of the interruptions or periods of slowdown and their impact on this application, if any (e.g., on publications, grant applications, mentoring of incoming students, participation in scientific events, etc.).

Circumstances specifically related to the COVID-19 pandemic

#### **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)
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### 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 eventual funding (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 entered.

2. The co-investigators who will contribute to the research project and the other project collaborators listed in my application, if applicable, have confirmed their commitment to the research project and **authorized me to provide their personal and confidential information**.

3. I have read and agree to comply with the obligations set out in the **Common General Rules** of the Fonds de recherche du Québec – Nature et technologies, Fonds de recherche du Québec – Santé, Fonds de recherche du Québec – Société et culture, hereinafter the "FRQ") and the *FRQ's open access policy for the dissemination of research* (see the DOCUMENTS tab), as they are updated periodically, and meet the terms set out in the **rules of the funding Program** 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.

4. I have read and shall comply with the standards of ethics and integrity of the FRQ, including those set out in the set out in *Standards sur l'éthique de la recherche en santé humaine et l'intégrité scientifique* (see the DOCUMENTS tab), as it is periodically updated, and the ensuing obligations and subscribe to the best practices in my area of research.

5. I have read and shall comply with the provisions of the **Pol** y for the **Respon ble Conduct of** es with of the FRQ (see the DOCUMENTS tab), as it is periodically updated, as well as those set out in institutional policies with organ to the responsible conduct of search, as they apply to my research activities. In the event of a substantiated case of breach of responsible conduct of research in connection with my research activities, I agree that the final report following the complaint's review, including my personal information, shall be transmitted to the FRQ so that the agencies may take appropriate measures. These measures may include sanctions related to the FRQ funding, as well as unction oper timing to my cheribility to receive FRQ funding. Should urgent intervention be received to present or and damages, the institution may communicate a relevant formation to the TRQ with the taw length of itcome is the considerration of the complant.

6. I am not currently in igib e to re ive inding fi m a Ca adi: or reterna ion rese rch finding gency the re it or a substinitia ted ca. of breach.

7. I shall advise the Fonds to which I am submitting the application should I become ineligible to apply for funding or receive funding from a Canadian or international research funding agency as the result of a **substantiated case of breach**. The continuation of any FRO funding may then be considered by the FRQ Responsible Conduct of Research Committee.

8. I understand that **failure to comply** it is is not of f index or any over two points in the terms of definition or even is index or any over two points and the terms of definition or even is index or any over two points and the terms of definition or even is index or any over two points and the terms of terms

## 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 eventual 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 *Privacy Statement for Applicants and Funding Holders*, hereinafter the *Statement* (see the DOCUMENTS tab).

• 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 information undertake to treat it confidentially.

Identification	
I accept:	<ul><li>○ Yes</li><li>○ No</li></ul>
Instructions	<ul><li>Step 1: Please validate the submission of your electronic form to make sure all sections needed are filled.</li><li>Step 2: Submit your electronic form at the FRQS, before the deadline.</li><li>IMPORTANT NOTICE: This is a final submission. No modification can be made after the submission.</li></ul>