Call for projects – Intercenter Initiatives
of the Cardiometabolic Health, Diabetes and Obesity (CMDO) Research Network in partnership with the Foundation of Stars Centre of Excellence on Childhood Obesity

Created in April 2012 by the Fonds de Recherche du Québec - Santé (FRQS), the **Research Network on Cardiometabolic Health, Diabetes and Obesity** aims to develop research excellence in these areas, to transfer knowledge and to foster the use of new knowledge so as to promote the quality of life of Quebec province population.

The **Foundation of Stars** is dedicated exclusively to funding pediatric research to protect, promote and improve the health and well-being of children and adolescents. It is recognized as the largest non-governmental source of research funding for childhood diseases, including orphan diseases, in Quebec. Every dollar donated to pediatric researchers is used to advance research to improve the quality of life for sick children and their families

The **Foundation of Stars Center of Excellence on Childhood Obesity** objectives are to bring together the best researchers and professionals in all fields of health who address the issue of childhood obesity in Quebec so they can to conduct research on innovative approaches and bring science to pediatric health care to find solutions and treatments for the obesity epidemic in Quebec.

The CMDO network in partnership with the Foundation of Stars Centre of Excellence on Childhood Obesity calls for **intercentre** collaborative projects for the period of 2020 - 2021.This competition invites researchers regular members of the CMDO Network to propose projects promoting the identification of bio-psycho-social factors involved in the development of obesity among young people in Quebec and influencing the knowledge transfer in the clinical management of the young, his family and his environment. One(1) research project relevant to this research theme will be funded based on excellence. Submitted projects must involve network members from at least two research centers and could also involve additional research center in Quebec, Canada (*eg. a member of Diabetes Action Canada*) or abroad. A detailed description of the eligibility criteria and evaluation procedures is provided below. Project selected forits excellent scientific quality that demonstrate a structuring effect for research within the network will be funded up to $ 40,000 for one year.

> **The deadline for the submission of applications is December 2nd, 2019, with funding beginning no later than April 1st, 2020.**

Applications submitted late, incomplete or that do not meet the eligibility criteria will not be evaluated. Award recipients will be required to present their findings at the annual joint CMDO Network - Société québécoise de lipidologie, nutrition et métabolisme (SQLNM) meeting upon completion of the project.

A follow-up report will be requested at the end of the year (e.g. at the end of the funding period). In addition, an annual follow-up for another two(2) years will be conducted to document the benefits of this project.

Eligibility criteria:

1) The **principal investigator** must be a regular member of CMDO Network;

2) All co-investigator affiliated with a research center in Quebec province must be a CMDO member before final submission;

3) **Only one application per year may be submitted as principal investigator** for the Intercenter competition in partnership with the Foundation of Stars Centre of Excellence on Childhood Obesity. There is no limit as co-investigator;

    a. This project may also be eligible for the regular CMDO Network Intercenter Structuring Initiatives competition (regular competition) but may only receive one funding. The deadline and the submission form are the same;

4) The submission must involve at least 2 research centers in Quebec each represented by at least one researcher regular member of the CMDO network;

5) Submissions may include additional research centers in Quebec, Canada (*eg. a member of Diabetes Action Canada*) or abroad;

6) Direct involvement in the project of at least one student, resident or postdoctoral fellow (*registered at a Quebec university*) who must be identified in the submission and must be in place at the beginning of funding (April 1st);

7) A demonstration of the structuring effects on research within the network, based on its objectives (*e.g. establishment of new intersectoral collaborations within the network or internationally, standardization of methods, implementation of a research platform or of common resources*);

8) A description of a clear plan to obtain subsequent funding from a source other that the CMDO (*e.g. CIHR, private partners or other*).

Full applications require:

1) CMDO's submission form completed online (see below);

2) Up to date curriculum vitae FRQS version (*including the Detailed Contributions section*) for all researchers included in the application as well as for the Quebec-based student, resident or postdoctoral fellow directly involved in the project. For researcher from outside of Quebec, an equivalent of the FRQS CV is accepted (*eg*. CIHR CV). All CVs (in PDF format) must be submitted by email at *concours@rrcmdo.ca*.

Application Evaluation Process:

An external scientific committee will be formed to assess all applications submitted. The committee will be chaired by a researcher who is not a member of the network, or by a researcher who has not submitted an application. One member of the network steering committee will attend the discussions as an observer and coordinator. The competition results will be announced in February.

Applications will be judged based on the following criteria:

1) Scientific merit and potential impact of the project: Clarity of the research question and scientific justification in relation with the program. Appropriateness of the study design, methodological feasibility within proposed financial framework, including the recruitment of participants, access to databases, laboratory methods or other methods for data collection;

2) Originality of the application: Potential creation of new knowledge. Originality of hypotheses and research questions. Novelty of the approach including new methodologies or new applications for existing methodologies;

3) Competence and complementarity of the research team: Scientific achievements, publication record, past funding and training of students, complementarity of participating teams and importance given to the training of students *(e.g. how the expertise of each applicant will be used to carry out the project)*;

4) Structuring effect for research within the CMDO network: immediate or potential impact of the proposed project on research within the network, based on its objectives (*e.g. establishing new intersectorial collaborations within the network or internationally, standardization of methods, establishment of a platform or of common resources*);

5) Realism of the budget proposal: Relevance of the proposed use of funds. Clarity and feasibility of the plan to obtain future or concurrent funding.

Any request for additional information may be sent to the Research Network on Cardiometabolic Health, Diabetes and Obesity (CMDO), Faculty of Medicine and Health Sciences, Université de Sherbrooke , Division of Endocrinology, CRCHUS, Tel: 819-346-1110 ext 12703, email: info@rrcmdo.ca.

Description of the electronic form - See next page

Intercenter Structuring Initiatives
of the Cardiometabolic Health, Diabetes and Obesity (CMDO)
Research Network in partnership with the Foundation of Stars
Centre of Excellence on Childhood Obesity
Instructions for application form

PLEASE COMPLETE THE ONLINE FORM AVAILABLE HERE

The online form can be saved and completed later.

WARNING :

    • To save your application to complete it later, you must click the *Resume later* icon (a username will be requested and a password), and then quit by closing the program.

    • If you have saved your application and click on *Exit and Clear Survey*, all saved data will be erased.

1. GENERAL INFORMATIONS

Title of project: *max. 256 characters including spaces*

Main theme (choose one):
    □ Cardiometabolic health
    □ Diabetes
    □ Obesity

Secondary theme(s) (if applicable):
    □ Cardiometabolic health
    □ Diabetes
    □ Obesity
    □ Not applicable

Research areas (select all that apply):
    □ Basic and pre-clinical research
    □ Nutrition, physical activity and human pathology (Clinical Research)
    □ Lifestyle, risk factors, and population intervention across the life course (Populational Research)
    □ Organisation of health care (Health System Research), knowledge transfer and utilisation

Principal applicant (CMDO regular member): *max. 100 characters including spaces*
Primary affiliation: *max. 120 characters including spaces*

Affiliation to other research networks (several possible choices):
    □ Another FRQS Network (which one?);
    □ Diabetes Network Action Canada;
    □ Other.
In the event that you receive funding, this information will be sought for all co-investigators.

Up to 7 co-investigators: *max. 100 characters including spaces*
Affiliations: *max. 120 characters including spaces*

For applications with more than 7 co-investigators, please contact the CMDO coordinator.

Student, resident or postdoctoral fellow directly involved in the project: *max. 100 characters including spaces*
Program and current degree sought: *max. 150 characters including spaces*
Affiliations: *max. 120 characters including spaces*

Other students, resident or postdoctoral fellows involved in the project (provide current degree and affiliation in parenthesis): *max. 256 characters including spaces*

Research centers directly involved in the project:
Select at least 2 research centers from the list.

Research Center (s) Outside Quebec directly involved in the work (optional):
max. 256 characters including spaces

Location(s) of research: Name of town(s) (e.g. Sherbrooke and Québec) and a brief description if necessary.
max. 256 characters including spaces

2. DESCRIPTION OF THE PROJECT
Provide a description of the project including the scientific rationale, objectives and hypotheses, methodology and the potential impacts. Please also include a paragraph stating the originality of your project (*potential creation of new knowledge, originality in hypotheses and research questions, new approach, new methodologies or new applications of existing methodologies.*).
max. 5600 characters including spaces

3. REFERENCES
Provide a full list of references for the application.
max. 2800 characters including spaces

4. EXPERTISE AND COMPLEMENTARITY OF RESEARCH TEAM
Provide a description of the research team and its complementarity, scientific achievements, publication record, and past research funding and student training (*e.g. how everyone's expertise will be used to carry out the project*).
max. 2800 characters including spaces

5. STRUCTURING EFFECTS FOR RESEARCH WITHIN THE NETWORK
Provide a description of any structuring effects the project may have based on the network's objectives (*e.g. establishment of new intersectoral collaborations within the network or internationally, standardization of methods, establishment of a research platform or of common resources*).

The objectives of the network are:

1) Promote, establish and foster meetings, scientific exchanges, and collaborations between teams involved in the various areas of research towards the development of "translational", multidisciplinary and inter-institutional projects covering aspects of basic research, clinical research, evaluative and epidemiological research, as well as knowledge transfer activities.

---

2) Make available to its members specialized platforms and shared research services obtained through CFI infrastructure grants, including imaging, human and animal metabolic phenotyping, genomics, transgenics, and metabolomics.

3) Increase Quebec's ability to recruit and retain performing researchers in obesity, diabetes and metabolic health by providing start-up grants and by promoting interactions between new researchers and well-established researchers.

4) Encourage the training of student-researchers through salary support and scholarships to attend scientific conferences.

5) Foster the establishment of partnerships with other research and private organizations, of collaborations with other existing thematic networks, as well as encourage participation in national and international research projects and initiatives.

6) Promote knowledge transfer and utilization among health care professionals and the general population, and advise the FRQS and Quebec public health authorities about obesity, diabetes and cardiometabolic health.

max. 1400 characters including spaces

6. BUDGETARY CONTEXT

Summary budget and complementary sources of funding:
Provide a brief description of how funds will be used. Indicate any concurrent funding if applicable and the amounts to be used for the project.
max. 1400 characters including spaces

Plan to obtain subsequent funding:
Describe the strategies that will be used to obtain subsequent funding from another source than the CMDO.
max. 1400 characters including spaces