TRANSLATION ACCELERATION GRANT IN PROSTATE CANCER RESEARCH

Part 1: Overview Information

<table>
<thead>
<tr>
<th>Participating Organization(s)</th>
<th>Prostate Cancer Canada</th>
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<tbody>
<tr>
<td>Funding Opportunity Title</td>
<td>Movember Translation Acceleration Grant</td>
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<tr>
<td>Description</td>
<td>Prostate cancer is the most common cancer to affect Canadian men and 1 in 8 men will be diagnosed with the disease in their lifetime. Prostate cancer mortality has declined steadily since 1992, due to new diagnostics and improved treatment options, but there remain significant opportunities for the advancement of prostate cancer management. Prostate Cancer Canada (PCC) invites applications for investigator-initiated Translation Acceleration Grants (TAG) that address a significant issue in the management of prostate cancer, with a high potential of preventing disease progression and/or improving quality of life in the short term. The intent of this program is not to support new discovery. Rather proposals should leverage existing knowledge and capabilities to accelerate impact without overlapping currently funded Prostate Cancer Canada and Movember initiatives. While the area of prostate cancer covered by the proposal is open, the emphasis of this funding opportunity is to develop an intervention that can be studied in a patient or population study within a 5-year timeframe. It is expected that a multidisciplinary and multi-institutional approach will be required and each application may consist of independent investigators based in multiple institutions with a lead Principal Investigator. This competition is open to projects studying any stage of the prostate cancer journey but PCC will only consider projects that are completely focused on prostate cancer.</td>
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**Important Dates**

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<th>Important Date</th>
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<tr>
<td>Program Launch Date</td>
<td>December, 2015</td>
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<tr>
<td>Registration Deadline</td>
<td>January 27, 2016</td>
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<td>Application Deadline</td>
<td>February 17, 2016</td>
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<td>Peer Review</td>
<td>March, 2016</td>
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<td>Anticipated Award Notification Date</td>
<td>March, 2016</td>
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<tr>
<td>Earliest Start Date</td>
<td>April 1, 2016</td>
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**Required Application Instructions**

This funding opportunity has a two-step application process. Step 1 requires registration to the competition by January 27, 2016. Step 2 requires the completion of a full application by February 17, 2016. All qualified applicants will advance to the full application stage.

It is critical that all applicants follow the instructions outlined in the Submission Information section of this document (Part 2: Section V). Conformance to all requirements is strictly enforced. Applications that do not comply with these instructions may not be accepted for review.

**Part 2: Full Announcement**

**Section I. Funding Opportunity Description**

**Background**

Prostate cancer is the most commonly diagnosed cancer in Canadian men and it is expected that 1 in 8 men will develop the disease in their lifetime. Over the course of the past 20 years, deaths from prostate cancer have decreased by approximately 40%. This reduction is likely attributable to a number of advances in the areas of early detection, treatment, and equally as important, public education, awareness, and support of those living with the disease. Research on the entire prevention to survivorship continuum has given more men the opportunity to live longer, with a greater quality of life, but many gaps in knowledge exist that can improve the management and care of men and their families affected by prostate cancer.

**Description**

With this funding opportunity announcement, Prostate Cancer Canada (PCC) invites applications for investigator-initiated Translational Acceleration Grants (TAG). This request for applications (RFA) solicits proposals from groups studying innovative approaches to manage prostate cancer. While the scope of the research is not limited, the project must have the potential to make a great impact in the short term. The focus of the proposed projects should be on optimizing, applying and validating the approach and in each case applicants should consider the practical application of their research and articulate how the results will have an impact on practice or policy.

While this competition is open to research in all areas of prostate cancer, we especially encourage applications studying:

- the prevention of progression of prostate cancer to a more advanced disease
- methods to better manage therapeutic resistance
PCC does not encourage applications that duplicate existing programs that PCC or Movember currently support, including the following:

- Movember True NTH survivorship programs
- Prostate Cancer Canada TAG1: aggressive vs. indolent prostate cancer
- Prostate Cancer Canada TAG2: novel therapeutics for aggressive disease
- True NTH Survivorship Grants
- Movember GAP 1: biomarkers to differentiate between indolent and aggressive disease
- Movember GAP 2: new tracers and techniques to detect prostate cancer earlier and with more accuracy
- Movember GAP 3: active surveillance database
- Movember GAP 4: exercise intervention to understand its role in cancer progression

An emphasis must be placed on the validation of the approach, and the projects must have a high potential of preventing disease progression and/or improving quality of life in the short term. The intent of this program is not to support new discovery. Rather proposals should leverage existing knowledge and capabilities to accelerate impact without overlapping currently funded Prostate Cancer Canada and Movember initiatives. **The goal of this funding opportunity is to develop an intervention that can be further studied in a clinical or population study within 5-years of the beginning of the funding period.**

**This competition is open to projects studying any stage of the prostate cancer journey but PCC will only consider projects that are completely focused on prostate cancer.**

It is expected that a multidisciplinary and multi-institutional approach will be required.

Note: PCC will allow an eligible proposal with a budget greater than that available from this competition. In such a case, PCC’s funding will be contingent upon the acquisition of funds for the entire project.

**Objectives**

The primary objective of this RFA is to support research with the potential to greatly impact prostate cancer management.

Additional objectives of the program are:

- to support multidisciplinary groups of prostate cancer researchers;
- to support high quality research;
- to support programs of significant impact, where the group research environment will maximize the chances of success;
- to support the translation of research findings into improvements in the health of Canadians and the Canadian cancer care system.

This opportunity is awarded by Prostate Cancer Canada and proudly funded by the Movember Foundation.
Section II. Award Information

<table>
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<tr>
<th>Funding Instrument</th>
<th>Grant</th>
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<tbody>
<tr>
<td>Application Types Allowed</td>
<td>New</td>
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<tr>
<td>Funds Available and Anticipated Number of Awards</td>
<td>The total amount available for this funding opportunity is $4.5M.</td>
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<tr>
<td>Award Budget</td>
<td>An applicant may request a project period of up to 3 years at a budget of up to $1.5M total (direct costs).</td>
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<tr>
<td>Award Project Period</td>
<td>The maximum period is 3 years.</td>
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*The amount available for this program is subject to funds raised. Should funding levels decrease, PCC reserves the right to reduce, defer or suspend financial contributions to grants received as a result of this funding opportunity.

Section III. Eligibility Information

Eligibility to Apply
The Principal Investigator is an independent investigator who will:
- be responsible for the direction of the proposed activities; and
- assume the administrative and financial oversight for the entire award;
- assume the financial responsibility for his/her own portion of the award at his/her own institution; and,
- receive all related correspondence from PCC.

An independent investigator is an individual who:
- has an academic or research appointment which:
  - must commence by the effective date of funding; and
  - allows the individual to pursue the proposed research project, to engage in independent research activities for the entire duration of the funding, to supervise trainees, and to publish the research results; and
  - obliges the individual to conform to institutional regulations concerning the conduct of research, the supervision of trainees, and the employment conditions of staff paid with PCC funding.
- will assume financial responsibility for his/her portion of the award at his/her own institution and will be responsible for reporting this information back to PCC.

A Co-Principal Investigator or a Co-Investigator is an independent investigator at an eligible Canadian institution and is part of the team contributing to the grant.

Number of Applications
Applicants may only submit one application. (An investigator can be named as a PI or Co-PI on only one application in this competition).
Section IV. Guidelines and Review Process

General PCC Guidelines
PCC policies and guidelines as outlined on the PCC website will apply to the applications submitted and awards made in response to this RFA. PCC reserves the right to amend the review process at any time. Any changes that are made to the process will not adversely affect the rigor and equity of the process. Every effort will be made to inform applicants of changes in a timely manner.

Evaluation
An expert review panel will be established to evaluate proposals submitted to this RFA. The review panel will make recommendations to PCC as to which proposals should be funded based on the following criteria:

1. Overall objective and extent of innovation of the program of research
2. Significance/relevance of the research
3. Feasibility of the implementation of the project at a clinical or population level within 5 years
4. Leadership capabilities and track record of the Principal Investigator
5. Capacity of the research team to carry out the program of research proposed
6. Institutional support for the program
7. How the proposal complements and builds upon existing projects in this area

Allowable Costs
Note: PCC will allow an eligible proposal with a budget greater than that available from this competition. In such a case, PCC’s funding will be contingent upon the acquisition of funds for the entire project.

The following expenditures will be considered eligible for funding received through this funding opportunity.

Research operating costs for the proposed research program, which must be distinct in its objectives from those for which group members currently receive funding:

- Salaries:
  - Salaries of research assistants, technicians, program coordinator and other personnel who will enhance the collaborative research productivity of the program team
  - Stipends paid to trainees (e.g., undergraduate, graduate students, postdoctoral fellows) shall be in accordance with institutional policies, up to a maximum of $21,000 per annum for graduate students and $50,000 per annum for postdoctoral fellows

- Purchase of small equipment and maintenance contracts for common services and shared infrastructure essential to the proposed research program (maximum 5% of budget)

- Research materials and supplies

- Services

- Costs of data collection, database and maintenance of information holdings directly related to the proposed research program

- Costs of regional, national and international networking activities, including collaboration, planning, and knowledge exchange activities, directly related to the proposed research program
Knowledge translation activities
  - Travel to conferences when presenting results from the funded research grant/award (maximum of 1% of budget)
  - Publication costs relating to the funded research
  - Other knowledge dissemination activities

Other expenses

Non-Allowable Costs
The following expenditures are NOT eligible for funding received through this funding opportunity:

- Indirect costs associated with the conduct of research (including, but are not limited to, heating, lighting, ethics review, CTA application, and intellectual property and commercialization activities).
- Salary or honoraria for PIs and Co-Investigators
- Fringe benefits for students and postdoctoral fellows
- Conference travel, entertainment or hospitality costs except as noted
- Membership fees, union dues

Conditions of Funding
Successful applicants funded through this funding opportunity must fully comply with the following conditions:

- Acknowledgment of PCC and the Movember Foundation’s support in all publications and presentations that result from the funded research. In addition, PCC would ask that PCC staff is notified prior to publication of a research paper (upon acceptance of a research paper).
- The PI will be required to submit to PCC annual written progress reports that include a list of all publications resulting in whole or in part from this grant, as well as lay summaries for each publication.
- Financial statements must be submitted to PCC annually no later than 45 days after the end of each grant year by the PI receiving funds from PCC.
- The PI will be required to submit to PCC a final written report with a final financial statement.

Performance Indicators
Performance indicators will be developed in order to evaluate the success of the Targeted RFA Grants.

Section V. Submission Information
Please read all instructions before applying.

- The application process for this funding opportunity is comprised of two steps: Step 1 - Registration and Step 2 - Full Application.
- To complete your registration, please follow the instructions found below.
- Please ensure that your registration is complete (includes all required sections) and is submitted online on time to PCC.
Phase 1 – Registration Requirements
Your registration must be submitted online by 5:00 PM (ET) on January 27, 2016. The online application is available at: https://pccgrants.smartsimple.ca

Registration Submission
1. Participant info:
   - Principal Investigator (PI)
   - Co-Principal Investigators (Co-PI)
   - Co-Investigators (Co-I)
   *(Note: Collaborators may be identified at the full application stage).*
   NOTE: Each investigator is linked to the application using a PIN obtained from registering at the link above.

   The Principal Investigator will provide the single point of contact between PCC and the research team.

   Each named participant in these categories must qualify as an independent investigator:
   - An individual who has an academic or research appointment which:
     o Must commence by the effective day of funding; and
     o Allows the individual to pursue the proposed research project, to engage in independent research activities for the entire duration of the funding, to supervise trainees, and to publish the research results; and
     o Obliges the individual to conform to institutional regulations concerning the conduct of research, the supervision of trainees and the employment conditions for staff paid with PCC funding
   - Will assume financial responsibility for his/her portion of the award at his/her own institution and will be responsible for reporting this information back to PCC.

   *Attachment*: (to be attached to the Full Application): Abbreviated CVs for PI, each Co-PI and Co-I:
   Include the following information:
   - Training and education
   - Degrees
   - Positions and honours
   - Relevant publications (past 5 years)
   - Research Support, ongoing and completed (past 5 years)

2. Project Title

3. Area of Research

4. Keywords (5-10 required)

5. Dean of Faculty/Head of Division or Vice President/Director, Research

6. Financial Officer

7. Reviewer Recommendations (3-5 required)
   For each, list (international recommendations preferred):
8. **Reviewer exclusions** (optional): For each, list:
   - Name
   - Institution
   - Reason for exclusion
   Note that assigned reviewers will have access to this information.

9. **List of collaborators**: A Collaborator can be: an independent investigator (inside or outside Canada), a graduate student, a postdoctoral fellow, a research associate or technical support staff who contributes to the project. List all collaborators by name and institution.

   **Attachment**: Letters of Collaboration

10. **Lay Summary (maximum 250 words)**: Using non-scientific language, provide an overview of the proposed research project. Include a short summary of aims of the projects, a brief overview of the knowledge in this area, a description of the proposed research and a statement of how the proposal meets the criteria for the Translation Acceleration Grants (TAG) competition.

11. **Scientific Abstract (maximum 250 words)**: Provide a summary of the proposed research, indicating specific aims, methodology of the proposed research, intended outcomes and potential significance to prostate cancer.

12. **Research Proposal (maximum 5,000 words)**
   - Note: Each application may be composed of one single project or distinct projects that are tightly linked within a program.
   - For each project detail the goals and specific aims, significance of the problem and how it is innovative. Describe the strategy, methodology and analyses to be used along with potential problems, alternative strategies, expected outcomes and impact that the results will have on that area of research.
   - The feasibility of the implementation of the project at the clinical or population level must also be described in detail.
   - Identify the milestones in this project and the appropriate timeline for meeting them.

   **Attachments**: Related tables/figures
   References

13. **Improving quality of life in the short term (maximum 400 words)**
   Identify your strategy following the proposed funding period to ensure that the funded research will
have a high likelihood of resulting in an intervention being tested in a population (clinical or other) within 5 years.

14. Certificates required: Identify institution(s) for each type of certificate required:
   - Biohazard/Biosafety
   - Animal Care
   - Ethics
   - Stem Cells

15. Current and Pending Funding (PI and Co-PIs)
   Using the categories: 1) Active Grants and 2) Pending Grants, provide one consolidated list that includes information for the Principal Investigator and additional Co-Principal Investigators using the following format:
   **List each grant only once**, clearly indicating all of the applicants that are affiliated with the grant. The following format is to be used:
   - Title of Grant
   - Source
   - Grant #
   - Dollars Awarded
   - Dates of Approved Project (start/end)
   - Name of PI, % of time PI will devote to the work of the listed grant
   - List of Co-investigators, % of time each Co-I will devote to the work of the listed grant
   - The major goals of this project
   - % of Overlap with current application

   For Co-investigators with overlap, please provide current and pending funding information where there is a % overlap with the current application. Use categories as noted above. 
   **Attachment:** Abstracts must be attached for each grant or pending grant where Co-I overlap with current application is declared. Ensure that the title of the project is clearly indicated on the abstract.

16. Detailed Budget with Justification:
   Note: PCC will allow an application that forms a component of a larger multi-funder initiative; however PCC’s approval will be contingent upon funding approval for the larger initiative. In such a case, provide budget details for the larger initiative as an attachment.

   There is no yearly maximum; however the complete budget must not exceed $1.5M. Overall total and year by year totals must match detailed budget figures. Show consolidated budget for the PCC contribution year by year:
   - Salaries
     - Salaries of research staff
     - Stipends to trainees
   - Small equipment (maximum 5% of total budget)
   - Research materials and supplies
   - Services
   - Data collection, database management
   - Regional, national and international networking activities
• Knowledge translation activities
  o Travel to conferences when presenting results from the funded research grant/award (maximum of 1% of budget)
  o Publication costs relating to the funded research
  o Other knowledge dissemination activities
• Other expenses
  Provide full justification for all budget elements

*Attachment: Budget support documents*

**Attachments**

1. **CVs** for each Principal Investigator, Co-Principal Investigator and Co-investigator. Include:
   • Training and education
   • Degrees
   • Positions and honours
   • Relevant publications (past 5 years)
   • Research Support, ongoing and completed (past 5 years)

2. **Letters of Collaboration**
   Attach Letters of Collaboration as appropriate.

3. **References for the Research Proposal**

4. **Tables/Figures** related to the proposal

5. **Current and Pending Funding Abstracts (PI and Co-PIs, Co-Is)**
   Abstracts must be attached for each grant or pending grant for the PI and Co-PIs, ensuring that the title of the project is clearly indicated on the abstract.

6. **Reprints/Preprints/Abstracts**: maximum 5 relevant to the application

7. **Budget Support Documents**: If this submission is part of a larger multi-funder initiative, provide budget details for the larger initiative as an attachment. Documents may also include quotes for equipment, services, etc.

8. **Signature Page** – signed by Principal Investigator, all Co-Principal Investigators, Co-Investigators, Host Institution Dean of Faculty/Head of Department/VP Research, Host Institution Financial Officer
Contact Information
For questions relating to this RFA please contact:

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For more information on this funding opportunity, visit prostatecancer.ca.

For more information on the Movember Foundation, visit www.movember.com.