

## Background

### Applicant Information

(Carefully read the instructions before completing this form)

#### 1. Applicant Information

Your User Profile information appears below however this section should indicate where the research described within this proposal will take place (change as necessary). NOTE: Your User Profile is always considered your current mailing address. The address listed here will be used to advise you of the outcome of this competition only.

- |                   |          |                          |                          |                          |                            |
|-------------------|----------|--------------------------|--------------------------|--------------------------|----------------------------|
| a. Applicant Name | Title    | <input type="radio"/> Dr | <input type="radio"/> Mr | <input type="radio"/> Ms | <input type="radio"/> Prof |
| b. Institution    |          |                          |                          |                          |                            |
| c. Department     |          |                          |                          |                          |                            |
| d. Address 1      |          |                          |                          |                          |                            |
| e. Address 2      |          |                          |                          |                          |                            |
| f. Address 3      |          |                          |                          |                          |                            |
| g. Address 4      |          |                          |                          |                          |                            |
| h. Country        |          |                          |                          |                          |                            |
| i. City           | Province |                          |                          | Postal Code              |                            |
| j. Phone          | Ext      |                          |                          | Fax                      |                            |
| k. e-Mail Address |          |                          |                          |                          |                            |
| l. Designation    |          |                          |                          |                          |                            |

#### 2. Project Information

The title entered when the application was created is indicated. Please avoid typing in ALL CAPS. In addition, ensure the end date of your project is updated.

- |  |   |                                      |  |
|--|---|--------------------------------------|--|
| a. Project Title   |   |                                      |  |
| b. Is Financial Institution the same as the Research Institution? (Please select Yes or No)  | <input type="radio"/> Yes                                       | <input type="radio"/> No             |  |
| c. If No, provide Financial Institution name   |   |                                      |  |
| d. Project Start Date  | End Date  |                                      |  |
| e. Amount of Funds Requested   | Project Cost  |                                      |  |
| f. Type of application. Note: maximum 1 application allowed per PI/Co-PI per competition (Please select one from list)   |   |                                      |  |
|  | <input type="radio"/> Initial Application                       | <input type="radio"/> Re-application |  |
|  | <input type="radio"/> Renewal - Indicate previous CCS grant # : |                                      |  |
| g. Include my application under the CCS prostate cancer call. Please refer to the Impact Grant program description page on cancer.ca/research for more information about the call.     | <input type="radio"/> Yes                                       | <input type="radio"/> No             |  |
| h. Include my application under the CCS pediatric cancer call. Please refer to the Impact Grant program description page on cancer.ca/research for more information about the call.    | <input type="radio"/> Yes                                       | <input type="radio"/> No             |  |
| i. Include my application under the CCS breast cancer call. Please refer to the Impact Grant program description page on cancer.ca/research for more information about the call.       | <input type="radio"/> Yes                                       | <input type="radio"/> No             |  |
| j. Include my application under the CCS prevention cancer call. Please refer to the Impact Grant program description page on cancer.ca/research for more information about the call.   | <input type="radio"/> Yes                                       | <input type="radio"/> No             |  |
| k. Include my application under the CCS survivorship cancer call. Please refer to the Impact Grant program description page on cancer.ca/research for more information about the call. | <input type="radio"/> Yes                                       | <input type="radio"/> No             |  |

- l. Indicate the number of years of support requested (up to 5)
- m. Is this application being submitted in French? (Note that all review panels are conducted in  Yes  No English)

SAMPLE

**3. Participants**

Enter any Co-Principal Investigator, Co-Applicant, Additional Author and Collaborator information as applicable to your application. Provide full addresses, including department name/affiliation for each participant. Use the lookup feature and enter their e-mail address in the field provided as the search criteria. The form will be auto-populated with their contact information as it appears in their user profile. If they do not have a profile, enter the details as required. CVs and collaboration letters are not required at the LOI stage.

NOTE: Changes to the applicant list after the LOI deadline are permitted, but must be provided to the CCS as they are determined.

## a. Additional Author

Name

Title

Institution

Department

Address 1

Address 2

Address 3

Address 4

Country

City

Province

Postal Code

Telephone

Fax

E-Mail Address

## b. Co-Applicant

Name

Title

Institution

Department

Address 1

Address 2

Address 3

Address 4

Country

City

Province

Postal Code

Telephone

Fax

E-Mail Address

## c. Collaborator

Name

Title

Institution

Department

Address 1

Address 2

Address 3

Address 4

Country

City

Province

Postal Code

Telephone

Fax

E-Mail Address

## d. Co-Principal Investigator

Name

Title

Institution  
Department  
Address 1  
Address 2  
Address 3  
Address 4  
Country  
City Province Postal Code  
Telephone Fax  
E-Mail Address

SAMPLE

## Applicant info

### 4. Principal Investigator CV

Attach an up-to-date, abbreviated CV (abbreviated NIH-style biosketch (maximum 3 pages in length)). Consult the Application Guide for complete instructions, including the required format.

NOTE: For the file name, please use the following format:[lastname\_firstname-CV].

### 5. Justification for Career Interruptions

Describe any career interruptions or delays that may have impacted your academic career and research productivity. Please include the start and end dates of each period described (yyyy/mm). If not applicable, please indicate this in the form. Your justification should not exceed 1250 characters, including spaces. Note that the character count may be different when copying text from Word due to formatting.

### 6. Application and Career stage

This section is mandatory and plays no part in the review or funding of an application. The data is used for statistical and communication purposes only.

Please indicate below if this is:

- |   |                           |                          |
|---|---------------------------|--------------------------|
| Your first application for a research grant to the Canadian Cancer Society              | <input type="radio"/> Yes | <input type="radio"/> No |
| Your first application for a research grant specifically in the area of cancer research | <input type="radio"/> Yes | <input type="radio"/> No |
| Your first application for a research grant as an independent investigator              | <input type="radio"/> Yes | <input type="radio"/> No |

Please indicate your current career stage (please select one of the three options):

- New/early career investigator: Any applicant who, at the time of registration, assumed his/her first independent academic position (e.g., faculty appointment) no more than 5 years ago (60 months).
- Mid-career investigator: Any applicant who, at the time of registration, assumed his/her first independent academic position (e.g., faculty appointment) 5-15 years ago.
- Senior investigator: Any applicant who, at the time of registration, assumed his/her first independent academic position (e.g., faculty appointment) more than 15 years ago.

**Abstract**

**7. Scientific abstract**

Provide a detailed summary of your research project (maximum of 4200 characters, including spaces), stating the problem to be investigated, the objectives of the investigation, the methodology to be used, as well as the significance of the research to cancer. Note that the character count may be different when copying text from Word due to formatting.

**8. Keywords/Technical terms**

Provide up to a maximum of ten specific keywords or descriptive technical terms/methodologies that best describe the scientific and technical aspects of your project. NOTE: Enter one keyword or technical term per line.

Keyword/Technical terms

**9. Impact statement**

The Impact Statement should clearly articulate the expected progression of the project towards affecting the burden of cancer in patients and/or populations. Describe how the project will promote major advancement in cancer research which will accelerate and focus the knowledge gained from scientific findings, in the short or long term, into outcomes such as optimized patient care, improved treatment or reduced cancer burden (maximum of 4200 characters, including spaces). Note that the character count may be different when copying text from Word due to formatting.

## Proposal

### 10. Re-applications and renewal applications

#### 10.a. Response to previous critique (re-applications only)

If you are submitting your proposal as a re-application, provide a response (maximum of 4200 characters, including spaces) indicating what improvements have been made as a result of the critiques from the competition full application review panel (within the last two years). This space should not be used for response to a previous LOI review. Note that the character count may be different when copying text from Word due to formatting.

#### 10.b. Scientific Officer and reviewer reports (re-applications only)

If you are submitting your proposal as a re-application, attach the scientific officer's report and unabridged reviews from the last competition full application panel review in PDF format. NOTE: For the file name, please use the following format: [lastname\_firstname-previous\_reviews].

#### 10.c. Scientific progress summary (renewals only)

Provide a scientific progress summary describing the research that has been performed since submission of the last application (maximum of 2100 characters, including spaces). Note that the character count may be different when copying text from Word due to formatting.

Reminder: You are eligible to submit a Renewal application only if you are currently the holder of a fully-funded CCS Impact Research Grant and if the new proposal is a logical continuation of the current fully-funded grant.

#### 10.d. List of directly supported publications and reprints (renewals only)

Provide a list of publications that were a direct result of the current CCS Impact Research Grant for which you are requesting renewal.

### 11. Proposal

Provide a scientific proposal (maximum of 12500 characters, including spaces), that includes the following: 1. the specific research question to be addressed; 2. background and scientific rationale; 3. design and methodology; and 4. relevance of the proposed research to cancer. Note that the character count may be different when copying text from Word due to formatting. To insert special characters you must use Alt codes or the special character tool in EGrAMS and not Symbol font.

**12. Sex, gender and diversity****12.a. Sex, gender and diversity considerations**

Is sex, as a biological variable, taken into account in the research design, methods, analysis and interpretation, and/or dissemination of findings?  Yes  No

Is gender, as a sociocultural factor, taken into account in the research design, methods, analysis and interpretation, and/or dissemination of findings?  Yes  No

Are diversity considerations taken into account in the research design, methods, analysis and interpretation, and/or dissemination of findings?  Yes  No

**12.b. Sex, gender and diversity exclusion rationale**

If you select "no" for one or more questions, describe why sex and/or gender and/or diversity are not applicable in your research proposal (maximum 2100 characters). Note that the character count may be different when copying text from Word due to formatting.

**13. References**

Provide a list of references cited within the proposal. A standard reference style is recommended (e.g. first author, article title, journal title, date of publications, volume, issue, location (pagination)).

**14. Tables, graphs, charts and associated legends**

OPTIONAL: Assemble and appropriately label figures, tables, graphs, charts and legends into one PDF document (maximum of 3 pages and 5MB in size). Font size should not be smaller than 10 point. EGrAMS will reject documents that do not meet these standards.

Eligible figures, tables and charts can include graphs, diagrams displaying data or non-data schematics/flow diagrams as well as project timelines. Tables should not include descriptions or how work will be carried out (e.g. research plan, etc.), as these descriptions should be included within the proposal. NOTE: For the file name, please use the following format: [lastname\_firstname-figures].

**15. Budget request**

Attach a one page PDF containing an overview of your preliminary proposed budget. Detailed line items are not required for the LOI. The budget may be up to \$300,000 per year up to \$1,500,000 over 5 years. NOTE: For the file name, please use the following format; [lastname\_firstname-budget]



## Review panel

### 16. Panel

All applicants in this competition will be reviewed by the following panel:

Assigned Panel

Impact Grant Panel

### 17. Reviewer recommendation

Applicants must suggest the names of at least 3 (5 if submitting application in French) impartial reviewers with the necessary expertise to critically evaluate the application and with whom you do NOT collaborate.

Name	Department	Institution	Phone no.	E-mail address	Areas of expertise

### 18. Reviewer exclusions

Applicants may suggest individuals they prefer NOT be contacted as potential reviewers (panel members and/or external reviewers). The reason for exclusion (e.g. collaborator, colleague, competitor) should be given. NOTE: Any exclusions you list will not be viewable to panel members assigned to review your application.

Name	Reason for exclusion

## Biographical information

### 19. Biographical information

While completion of this section is mandatory, responses will be strictly confidential and will not be shared with the review panel. Aggregated and anonymized data will be used for program administration, statistical reporting and communications purposes only.

Preferred pronoun

He/His

She/Her

They/Their

Prefer not to respond

Language(s) spoken

Citizenship

SAMPLE

## Tracking

### 20. Research tracking information

#### 20.a. Research focus

Select the research focus of the proposal. Responses are to be limited to the scope of the proposed research for the duration of the proposed term. This information is used solely for statistical/reporting purposes and will not be used as part of the scientific review of the application.

I. SECTION I - Research focus (select ONE only)

- Biomedical Research
  Clinical Research  
 Health Services/Systems Research
  Social, Cultural, Environmental and Population Health

#### 20.b. Research subject

Select the research subject(s). Select at least one item.

II. SECTION II - Research subject (select ONE or MORE)

**Patients/Study Population**

- Adult
  Pediatric
  Adolescents & Young Adults

**Patient Tissue**

- Adult
  Pediatric
  Adolescents & Young Adults

**Model System**

- Mouse
  Drosophila
  C. elegans
  Zebrafish  
 Yeast
  Other

**Cell System**

- hESC
  Tumour Initiating Cell
  Non-embryo-derived stem cells (eg. iPS cells)

#### 20.c. Cancer site relevance

Select a maximum of three cancer sites where the research will be most relevant. Indicate the degree of relevance (percentage). The total should equal 100%. Only use the Details description field to describe the site if you have selected Other as a site.

Note: Do not enter a % sign with your percentage, only enter the number.

III. SECTION III - Cancer site relevance

Cancer site relevance	Percentage	Details

#### 20.d. Common Scientific Outline (CSO)

Select a maximum of 3 codes which best describe the research. Full details of the Common Scientific Outline can be found at the International Cancer Research Portfolio website (<https://www.icrpartnership.org/cso>).

IV. Section IV - Common Scientific Outline (CSO)

**Biology**

- 1.1 Normal functioning  
 1.2 Cancer initiation: alterations in chromosomes

1.3 Cancer initiation: oncogenes and tumour suppressor genes

1.4 Cancer progression and metastasis

1.5 Resources and infrastructure

**Etiology**

2.1 Exogenous factors in the origin and cause of cancer

2.2 Endogenous factors in the origin and cause of cancer

2.3 Interactions of genes and/or genetic polymorphisms with exogenous and/or endogenous factors

2.4 Resources and infrastructure related to etiology

**Prevention**

3.1 Interventions to prevent cancer: personal behaviors (non-dietary) that affect cancer risk

3.2 Dietary interventions to reduce cancer risk and nutritional science in cancer prevention

3.3 Chemoprevention and other medical interventions

3.4 Vaccines

3.5 Complementary and alternative prevention approaches

3.6 Resources and infrastructure related to prevention

**Early Detection, Diagnosis and Prognosis**

4.1 Technology development and/or marker discovery

4.2 Technology and/or marker evaluation with respect to fundamental parameters of method

4.3 Technology and/or marker testing in a clinical setting

4.4 Resources and infrastructure related to detection, diagnosis and prognosis

**Treatment**

5.1 Localized therapies – discovery and development

5.2 Localized therapies – clinical applications

5.3 Systemic therapies – discovery and development

5.4 Systemic therapies – clinical applications

5.5 Combinations of localized and systemic therapies

5.6 Complementary and alternative treatment approaches

5.7 Resources and infrastructure related to treatment and the prevention of recurrence

**Cancer Control, Survivorship and Outcomes Research**

6.1 Patient care and survivorship issues

6.2 Surveillance

6.3 Population-based behavioral factors

6.4 Health services, economic and health policy analyses

6.5 Education and communication research

6.6 End-of-life care

6.7 Research on ethics and confidentiality

6.8 Historical code - no longer used

6.9 Resources and infrastructure related to cancer control, survivorship and outcomes research

## Release form

### 21. Release form

CCS depends on donor dollars to fund its grants. Applicants must declare their willingness to allow CCS to provide minimal details of their grant to potential donors/partners. For successful investigators, the grantee must declare their understanding that CCS will post competition results (PI, HI, title, value of grant, lay summary) on our website and potentially include a lay summary of the progress and impact of the research in our reports to donors/the public, press releases, social media or other communications.

On condition that:

- the specified information will be shared by CCS only with potential donors/partners and for the sole purpose of obtaining additional funding for CCS's grant competitions.
  - potential donors/partners will be required to declare conflict of interest, and sign a confidentiality agreement before the specified information is released to them by CCS.
  - it will be held confidential by them and not released to other parties, and will be returned to CCS or destroyed if the decision is not to fund.
  - all information released may be retained by the potential donors/partners if it decides to fund the application, and may be used by the donor in its funding announcements and other communications.
- I acknowledge the sharing of the information specified with potential donors/partners and if successful in the competition, CCS will announce the grant and may publish research impacts (described above).