

## 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. Grant category   |                           |                          |
| <input type="radio"/> New Investigator  |                           |                          |
| g. Type of application. Note: maximum 1 application allowed per PI/Co-PI per competition  |                           |                          |
| <input type="radio"/> Initial Application   |                           |                          |
| h. Indicate the number of years of support requested (up to 5)  |                           |                          |
| i. Is this application being submitted in French? (Note that all review panels are conducted in English)  | <input type="radio"/> Yes | <input type="radio"/> No |
| j. The following special calls are available within the Emerging Scholar Award funding envelope. Please select at least ONE. Refer to the Emerging Scholar Award program description page on <a href="http://cancer.ca/research">cancer.ca/research</a> for more information about the special funding calls. |                           |                          |
| <input type="checkbox"/> Emerging Scholar Award (Alberta)   |                           |                          |
| <input type="checkbox"/> Emerging Scholar Award (British Columbia)  |                           |                          |
| <input type="checkbox"/> Emerging Scholar Award (Manitoba)  |                           |                          |
| <input type="checkbox"/> Emerging Scholar Award (New Brunswick)   |                           |                          |
| <input type="checkbox"/> Emerging Scholar Award (Newfoundland and Labrador)   |                           |                          |

- Emerging Scholar Award (Nova Scotia)
- Emerging Scholar Award (Ontario)
- Emerging Scholar Award (PEI)
- Emerging Scholar Award (Quebec)
- Emerging Scholar Award (Saskatchewan)
- Emerging Scholar Award (Prevention)
- Emerging Scholar Award (Survivorship)

SAMPLE

**3. Participants**

Enter any Co-Applicant, Additional Author and Collaborator information as applicable to your application. Inclusion of Co-PIs is not permitted for this award. Additional authors who will be supported through the ESA grant must be part of the PI's immediate research team. Refer to the Application Guide for further information.

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



SAMPLE

## Applicant info

### 4. Principal Investigator CV

Attach an up-to-date, abbreviated version of your CV in PDF format. Your CV should include your academic degrees and details of employment since graduation (maximum 3 pages in length), plus a list of your publications and grants in the past 5 years. Consult the Application Guide for complete instructions, including the required format.

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

CCS is not a member organization of the Common CV Network, therefore the Common CV should not be used due to Common CV use restrictions.

### 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.

### 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  Yes  No

Your first application for a research grant specifically in the area of cancer research  Yes  No

Your first application for a research grant as an independent investigator  Yes  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

#### 9.a. Impact on the research field and community

Describe how your project will promote significant advancements in your area of cancer research. In addition, describe how your proposed research and expected outcomes will be of strategic value to your research institution and province (maximum 2100 characters, including spaces). Note that the character count may be different when copying text from Word due to formatting.

#### 9.b. Impact on career development

Describe how the Emerging Scholar Award will impact your career development and how it will enable you to become a future leader in cancer research in Canada and internationally. Describe immediate benefits that would become available as a direct result of the funding (ie. how the award will help build research capacity within your team, provide career development opportunities and mentorship for you and your trainees etc.). Statement must not exceed 2100 characters, including spaces. Note that the character count may be different when copying text from Word due to formatting.

SAMPLE

## Proposal

### 10. Proposal

Provide a scientific proposal (maximum of 8500 characters, including spaces), that includes the following: 1. the aim(s) of the project; 2. experimental design and methodology; 3. 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.

### 11. Host Institution's Commitment and Support

Please provide a one-page letter of commitment and support from the your Host Institution confirming and describing the following:

- a. confirmation that the applicant holds a firm appointment
- b. confirmation that at least 75% of the applicant's time will be allocated to cancer research
- c. description of the research environment, resources and mentoring support available to the applicant. In particular, detailed information on the following are requested: mentorship from senior investigators; evidence of start-up funds available to the applicant; a brief description of the dedicated research space provided; access to core facilities and research infrastructure; administrative support; and strategies that will be employed by the host institution to support the applicant in securing research funding (i.e. guidance on grant application development)
- d. confirmation that the host institution will provide the applicant access to an internal peer review process led by senior investigator colleagues during the tenure of the award, at a minimum.

### 12. Research Team

Please describe the roles and responsibilities of the research team, including Co-Applicants, Additional Authors and Collaborators who will be involved in the project (maximum 4200 characters, including spaces).

Note that the character count may be different when copying 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 publication, volume, issue, location (pagination)).

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

OPTIONAL: Attach and appropriately label your figures, graphs, charts and legends into one PDF document (maximum of 2 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 of 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.

Funding up to \$100,000/year will be provided to support the direct costs of research, including supplies, salaries (trainees and research support staff), and equipment associated with the proposed work. An additional \$20,000/year can be used for buy-out time from clinical and teaching duties (clinician scientist applicants only) or professional development. Equipment requests cannot exceed 10% of the requested budget. Indirect costs are not eligible.

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

SAMPLE

## Review panel

### 16. Panel recommendation

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

a.

### 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

Language(s) spoken

Citizenship

SAMPLE

## Tracking

### 20. Research tracking information

#### 20.a. Research focus

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. Select the research focus of the proposal.

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).

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

The CCS depends on donor dollars to fund its grants. Applicants must declare their willingness to allow the CCS to provide minimal details of their grant to potential donors/partners. For successful investigators, the grantee must declare their understanding that the 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).