Starr Cancer Consortium

**Application for Funding**

**15th Grant Competition**

\_\_\_\_\_ New Application

 \_\_\_\_\_ Revised Application

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Project Title:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Principal Investigator:**

Name:

Institution:

Position Title & Degree:

Date of first independent faculty appointment:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Co-Principal Investigator(s):**

Name:

Institution:

Position Title & Degree:

Name:

Institution:

Position Title & Degree:

***(Add more Co-PIs, as needed)***

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Collaborator(s):**

Name:

Institution:

Position Title & Degree:

Name:

Institution:

Position Title & Degree:

***(Add more Collaborators, as needed)***

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**General Instructions:**

1. Use this form for new and revised applications.
2. Do NOT use this form for competing project renewal applications.
3. Indicate on the face page whether this is a new or revised application.
4. Use Calibri font size 11 or larger.
5. Figures can use smaller font as long as the information remains legible.
6. Each section should be indicated with a section number and heading.
7. Revised proposals should start the Project Description (Section 3) with a response to the reviewers’ comments, followed by a description of what has been changed.
8. Complete the Table of Contents.
9. Upload the complete document as **ONE** **pdf** file. (The pdf file name may not contain spaces or special characters; use ‘-’ or ‘\_’ instead of spaces.)
10. Submission instructions are at <http://www.starrcancer.org/funding>
11. Appendices are NOT allowed.

**Table of Contents**

Face Page 1

Table of Contents Page

Abstract

Section 1: Rationale & Significance

Section 2: Specific Aims

Section 3: Project Description

Section 4: Statement of How the Proposed Research is Transformative

Section 5: Collaboration Description

Section 6: Timetable and Milestones

Section 7: Statement of What Can Be Accomplished

Section 8: References (Literature cited)

Section 9: Budget

Section 10: Budget Justification

Section 11: Biographical sketches

Section 12: Other Support

Section 13: Data and Resource Sharing Plan

Section 14: Letters of Collaboration

Section 15: Statement Explaining and Justifying Participation in Two Applications

Section 16: Certification of Proposal/Conflict of Interest

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Abstract**

**(Max. 250 words)**

Provide a concise summary of the proposed research project describing primary objectives, specific aims, methods, expected outcomes and potential impact on cancer research. If the application is funded, this abstract may be posted on the Starr Cancer Consortium website.

**Section 1: Rationale & Significance**

**(Max. 250 words)**

Describe the importance and innovation of the proposed research and the potential impact if successful on the understanding and treatment of cancer. Address the key criteria identified in the RFA.

**Section 2: Specific Aims**

**(Max 250 words)**

List and explain the specific goals and long-term objectives of the proposed research. The content and number of specific aims should be realistic for the time period of the proposal. There is no requirement for a specific number of aims – e.g. a single lucid and innovative aim could be sufficient.

**Section 3: Project Description**

**(Max. 3,000 words)**

Describe the research design, procedures, and analyses to be used to accomplish the specific aims of the project. Describe any new methodologies, novel concepts, approaches, tools, or technologies that will be employed. Up to 5 figures or tables. ***If this is a revised proposal****, start your project description with a response to the reviewers’ comments, followed by a description of what has been changed in the proposal (max 300 words). The revised version should directly address the reviewers’ critiques and substantive changes may be required in some cases.*

**Section 4: Statement of How the Proposed Research is Transformative**

**(Max. 250 words)**

Provide a clear statement of how the proposed research is transformative and explain how it differs from the research being done in the investigators’ laboratories.

**Section 5: Collaboration Description**

**(Max. 500 words)**

Provide a detailed description of the collaboration. Explain the role of each investigator, allocation of responsibilities, location of activities, mechanisms for interaction, and information exchange. *If an investigator’s role is to provide a unique resource, include a statement explaining how this is a unique resource that can only be provided by this individual.*

**Section 6: Timetable & Milestones**

Provide a timetable and milestones for the project. *For applications with a clinical trial as a component* - provide information on the status of IRB approval

**Section 7: Statement of What Can Be Accomplished**

**(Max 250 words)**

Provide a clear statement of what can be accomplished in 2 years and how this fits with the long-term (5-year) objectives of the proposed research. If the project period is 1 year, adjust the statement accordingly.

**Section 8: References**

Provide a bibliography of any references cited in the Project Description. Each reference must include the names of all authors, the article and journal title, book title, volume number, page numbers, and year of publication.

**Section 9: Budget**

**Modular budget - $100,000 - $400,000 direct costs per year**

**Request total direct costs (DC) in modules of $25,000**

Institutions should charge internal rates for platform/core services.

|  |
| --- |
|  |
| MODULAR BUDGET |
|  | Year 1 | Year 2 |  | Sum Total(For Entire Project Period) |
| Total Direct Costs Institution 1 (identify) |       |       | $ |
| Total Direct Costs Institution 2 (identify) |       |       |  | $ |
| Total Direct Costs Institution 3 (identify) |       |       |  | $ |
| Total Direct Costs Institution 4 (identify) |       |       |  | $ |
| Total Direct Costs Institution 5 (identify) |       |       |  | $ |
|  |  |  |  |  |
| Total Direct Costs (All Institutions) |       |       |  | $ |
| FACILITIES AND ADMINISTRATIVE COSTS (UP TO 20%) |       |       |  | $ |
| TOTAL COSTS |       |       |  | $ |

**Section 10: Budget Justification**

List the name, role on project, and level of effort to be devoted to the project for all project personnel (salaried or unsalaried) and provide a narrative justification for each person based on his/her role on the project and proposed level of effort. Describe use of institutional core or platform technology services. Provide a narrative justification for any major budget items, other than personnel, that are requested for the conduct of the project that would be considered unusual for the scope of research.

**Section 11: Biographical sketches of Investigators and Key Collaborators**

**Use Current NIH format – Template, Instructions and Samples available at:** <http://grants.nih.gov/grants/forms/biosketch.htm>

**Section 12: Other Support**

Provide information on active and pending support for the PI and each Co-PI. After listing all support, summarize for each individual any potential overlap with the active or pending projects and this application in terms of the science, budget, or an individual’s committed effort.

Use the format below. Samples are at: <https://grants.nih.gov/grants/forms/othersupport.htm>

|  |
| --- |
| **NAME OF INDIVIDUAL**ACTIVE/PENDING  |
| Project Number (Contact Principal Investigator) SourceTitle of Project *(or Subproject)*The major goals of this project are… | Dates of Approved/Proposed ProjectAnnual Direct Costs | Person Months(Cal/Academic/Summer) |
| OVERLAP (summarized for each individual) |  |  |

**Section 13: Data & Resource Sharing Plan**

**(Max. 500 words)**

Include a brief description of how final research data and new technologies and resources developed will be shared. Include a plan for following data sharing guidelines. Note: the SCC requires compliance with NIH policy and rules on reagent and data sharing, including the Genomic Data Sharing Policy (<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-124.html>).

**Section 14: Letters of Collaboration**

Letters of collaboration from each investigator (PI and all Co-PI(s)) and collaborator that describe specific roles and commitments to the proposed project.

**Section 15: Statement Explaining and Justifying Participation in Two Applications**

*Only for investigators participating in two applications*. Explain and justify participation in two applications (Max 250 words each).

**Section 16: Certification of Proposal / Conflict of Interest:**

I certify that the information submitted in this proposal is true, complete and accurate to the best of my knowledge and I agree to accept responsibility for the scientific conduct of the project and to provide the required reports should this award be made.

Prior to the award, the Starr Cancer Consortium Investigators will be required to disclose the existence of any outside financial relationships that may have a direct or indirect benefit from the decisions made during this research project or any significant outside financial or professional activities that may be viewed as a potential for real or perceived conflict of interest.

At the time an award is made, I agree to abide by the policies and procedures of my institution regarding conflict of interest. At that time I agree to make any and all disclosures required by my institution and work on managing any real or perceived conflict(s) according to institutional policies.

By initialing below, I agree with the above statements.

Initial(s) of each Principal Investigator (PI and Co-PI(s))