**THRASHER RESEARCH FUND CONCEPT PAPER**

**Instruction****page**

*Visit our website* [*https://www.thrasherresearch.org/*](https://www.thrasherresearch.org/) *for the most current information and submission dates.*

*To assess fit or address application queries, please schedule a discussion with our research managers:*

*Brittni Smith:* [*Calendar Link Here*](https://outlook.office365.com/owa/calendar/ThrasherResearchFundBrittni%40office365lds.onmicrosoft.com/bookings/)

*Aaron Pontsler:* [*Calendar Link Here*](https://outlook.office365.com/owa/calendar/ThrasherResearchFundAaron%40office365lds.onmicrosoft.com/bookings/)

*\*Note: Instructions are italicized. Please remove them before submission.\**

***Submission Process:***

*Submit the completed form and the Title Page information via the* [*online portal*](https://portal.thrasherresearch.org) *in Word format. The title of the document should be the PI last name.*

***Concept Paper Components (2-3 pages total):***

*1.* ***Title Page (1 page limit):***

* *Overview of applicants, research institutions, and budget*

*2.* ***Parent Study Summary/ Co-funded Study (1 page limit- Optional):***

* *Delete this page if not applicable.*
* *You do not need to duplicate the background section in the parent study and scientific summary.*
* *Complete this only if your proposal depends on another trial or project for samples, enrollment, or if additional funding sources are being used.*
* *Detail the hypothesis, aims, study design, and progress of a parent study or co-funding.*
* *Limit descriptions of the parent study to this page.*

 *3.* ***Scientific Summary (1 page limit):***

* *Background data, hypothesis, aims, study design, and expected outcomes.*
* *If part of a larger study, only include hypothesis and aims for the Thrasher-supported work. Elaborate on the larger study in the Parent Study Summary.*

***Formatting Guidelines:***

* *Use 11 point Calibri font. Maintain 1 inch margins on all sides.*
* *Section headings should be in blue; applicant responses in black.*
* *References aren't mandatory. If necessary, include within the page limit, either within the text or at the bottom.*

**THRASHER RESEARCH FUND CONCEPT PAPER**

Title: *(limit to 100 characters, including spaces)*

Principal Investigator: *(include degrees)*

Academic Position/Title:

Phone:

Email:

Website: *(if applicable)*

Mailing Address:

Co-Investigators: *(include degrees)*

Length of Study: *(maximum 3 years)*

Total Budget: *(if a full proposal is invited, the proposal budget should be consistent with the budget amount proposed here - all exceptions must be cleared by the Fund)*

Supervising Institution:

Project Site(s):

Parent /Co-funded Study Summary

Background:

*Describe the purpose and include additional background if it differs from the Scientific Summary.*

Hypothesis(es) and Aims:

*State each hypothesis of the parent/Co-funded project and briefly describe the related aims.*

Design:

*As applicable, include the following information (can be in paragraph form rather than a numbered list):*

1. *Design of the study (e.g. randomized controlled trial, case-control, prospective cohort, cross sectional etc).*
2. *Study subjects, including major inclusion/exclusion criteria*
3. *Sample size*
4. *State the primary outcomes and how they will be measured*

Progress of Parent/Co-funded study:

*Describe the progress of the study to date, including anticipated starting and ending dates, and enrollment status.*

Parent/Co-funded Study Funding:

*Describe parent study funding source(s) for the proposed project. Including grant title(s) and dollar amount(s).*

Thrasher Added Component:

*Explain the additional benefits provided by the Thrasher funded application that will add to the parent study.*

SCIENTIFIC SUMMARY

Background:

*Begin by briefly introducing the problem and why it is significant. Be sure to provide details such as incidence or prevalence rates specific to the sub-population that might benefit from the research. Summarize the existing knowledge or clinical practice related to the problem. Emphasize the current standard of care for the problem you are addressing. Detail the most common treatments or interventions, their limitations, and challenges.*

Research Gap:

*What is lacking in the current standard of care or scientific knowledge, how would filling this gap lead to clinical impact?*

Preliminary Data:

*Present any preliminary data or findings that lead you to believe your hypothesis will work. This can include pilot studies, early results, or any relevant data that supports your research direction.*

Rationale:

*Provide a clear rationale for why the proposed research is necessary. Explain why the proposed research is innovative and needed to address the problem more effectively.*

Hypothesis(es) and Aims:

*State each hypothesis in a single sentence. Briefly describe the related aims.*

Design:

*Describe how the study will be carried out. Specifically state the design of the study (e.g.* observational/interventional, prospective/retrospective, randomized, blinded, open-label, cohort, case series, case-control, natural history, etc.*).*

*As applicable, include the following information (can be in paragraph form rather than a numbered list):*

1. *Study subjects, including major inclusion/exclusion criteria*
2. *Other sample material to be used in the study*
3. *State the primary outcomes and how they will be measured*
4. *Dosing information for any investigational drugs used. If invited for full proposal, you will need to provide justification for the dose chosen.*

Sample Size:

*Explain the sample size and resulting power. Justify the effect size using existing data.*

*Other Considerations:*

*Anything that will help reviewers understand this work or the potential impacts or implementation. How does this study fit within the larger field. This could include collaborations with other funding bodies, health ministries or companies. What are potential implementation barriers or strengths.*