## ***2018 Department of Nanomedicine – Rice University***

## ***Innovative Collaborative Grant Award (ICGA):***

**Objectives of the award mechanism:**
The Department of Nanomedicine – Rice University Innovative & Collaborative Grant Award (ICGA) is intended to support innovative and collaborative research projects from trainees at both the Department of Nanomedicine and Rice University. Under this mechanism, 3 projects will be awarded $10,000 each. Graduate students, postdoctoral fellows, research associates on an academic track, instructors on an academic track, and visiting students are highly encouraged to apply as principal investigators. Each project will require 2 principal investigators (one from The Department of Nanomedicine at HMRI and one from Rice University). Projects must present biomedical and nanotechnology focus. The period of execution of each project must not exceed 12 months. Projects can utilize platform technologies developed in the lab of the applicant's faculty mentor. However, projects cannot be a logical continuation of ongoing research in the laboratory of the applicant's faculty mentor. Each project must be conceived, designed, and written solely by the applicants, with the agreement of the respective faculty advisors.

Collaborative ideas are a key requirement.

**Award:**
Three projects will be awarded in the amount of $10,000 each. The period of execution must not exceed 12 months.

**Submission process:**

***Step 1. Notice of Participation***
Applicants must submit a notice of intent (NOP) to apply to the 2018 ICGA opportunity. The NOP (1 page limit) must be submitted as a .docx file via e-mail to Lisa Rose (lsrose@houstonmethodist.org) and Michelle Downey (sci@rice.edu), no later than Sunday September 9th. The document (see attached NOP template) must include the following information:

1. Applicant's name
2. Applicant's current position
3. Applicant's education
4. Brief statement of research interests (maximum 100 words)
5. Applicant's email address

***Step 2. Speed Matching Meeting***
To facilitate communications and team building between individuals from the Department of Nanomedicine and Rice University, a speed matching meeting will be held from 5 PM to 7 PM on Friday September 14th 2018 at the BRC building. The NOPs from all applicants will be compiled and distributed prior to the speed matching to facilitate interactions.

***Step 3. Notice of intent (NOI)***
Once the teams are formed, applicants in each team must submit a notice of intent (NOI) to apply to the 2018 Innovative Collaborative Grant Award. The NOI (1 page limit) must be submitted as a .pdf file via e-mail to Lisa Rose (lsrose@houstonmethodist.org) and Michelle Downey (sci@rice.edu), no later than September 22nd, 5:00 PM Central Time. The NOI must include the following information:

1. Name of Applicants
2. Tentative application title (titles can be later finalized for the final submission)
3. A list of 5 keywords indicating the topics proposed.

Only one proposal per applicant is allowed. The NOIs will be used to adequately select the review panel rooster.

***Step 4. Full application:***

The application must be submitted in one single .pdf file via email to via e-mail to Lisa Rose (lsrose@houstonmethodist.org) and Michelle Downey (sci@rice.edu) no later than Friday October 26th, 5:00 PM Central Time. The .pdf file must include the following documents in the order below:

1. Proposal (1 page, see template and details below)
2. References (1 page limit, see details below)
3. Biosketches of both principal investigators (NIH or NSF format, 4 pages limit)
4. Letter of eligibility from the respective department administrators
5. Letters of agreement from the respective applicants' faculty advisors

**Eligibility and Requirements:**

The eligibility criteria are the following:

The Principal Investigators (PI) must be a graduate student or a postdoctoral fellow at Rice or Methodist, as well as a postdoctoral associate on an academic track, instructor on an academic track, or visiting students in the Department of Nanomedicine. The PI must be within the Department of Nanomedicine or Rice University from the time of application until November 2019. Two collaborating principal investigators (one from the Department of Nanomedicine at HMRI, one from rice University) are required for each proposal. Each investigator must submit a letter of eligibility from his/her department administrator and a letter of agreement to apply from his/her faculty advisor.

**Proposal Text:**

The proposal text must be limited to 1 page (all margins 0.5"). The use of the template below is required. Use font "Arial 11, single space, color black" for the main text. Standard spacing between characters is required. Use font "Arial 9" for figure legends. **Bold** and *Italic* can be used to highlight specific portions of the texts of particular relevance.

**Figures:**

Figures are not required but can be included. Figures must be numbered in the order they appear in the text and referenced in the text. Text in figures must be legible. As a reference, the font size in the figures embedded in the final document should not be smaller than "Arial 8".

**Preliminary Data:**

This funding award is intended to support new and innovative ideas. While the projects can utilize platform technologies developed in the lab of the applicant's faculty mentor, projects cannot be a continuation of ongoing research. As such, preliminary data are allowed but not required.

**References:**

The proposal must be supported by relevant references to the literature. References must be included in the text as a superscript number. References must be listed in order of appearance in the text in a separate document. As such references do not count toward the 1 page limit for the project proposal. However, the references document must not exceed 1 page. Use *Nature* reference style. Example:


1. Gilbert, C. C., Stanley, W. T., Olson, L. E., Davenport, T. R. B. & Sargis, E. J. Morphological systematics of the kipunji (*Rungwecebus kipunji*) and the ontogenetic development of phylogenetically informative characters in the Papionini. *J. Hum. Evol.* **60**, 731–745 (2011)


**Review Process:**

The review process will entail an administrative review followed by an independent scientific review. The administrative review will check for proposal compliance with requirements, eligibility of applicants, as well as faculty mentor's consent. Proposals and applicants not compliant with the requirements will be administratively disqualified. During this process, applications that propose a simple continuation of on-going research projects in the laboratory of the PI's faculty mentor will also be administratively disqualified. Compliant proposals will be forwarded to an independent scientific review panel. The scientific reviewers have different expertise in various medical and scientific disciplines. The review panel is composed of scientists and clinicians from HMRI, HMH, Rice University and other institutions. All proposals will be treated confidentially. All reviewers will sign a Non-

Disclosure Agreement (NDA) with Methodist and Rice University, prior to engage in the review of the applications. The faculty mentors of applicants will not take part in the review and selection process. Do not identify your faculty mentor in the research document of your proposal. Reviewers will score the applications according to the following criteria: *Significance, Innovation, Collaboration, Approach & Feasibility, Clarity of Presentation, and Potential Impact.* Three awards will be selected and announced at the Department of Nanomedicine Meeting on November 13th 2017.

| | |
|---|---|
| Significance | 18% |
| Innovation | 30% |
| Approach & Feasibility | 20% |
| Collaboration | 15% |
| Clarity of Presentation | 7% |
| Potential Impact | 10% |

Score 1-5 (1 best, 5 worst)

**Contacts:**
For questions regarding the proposal, please contact Lisa Rose (lsrose@houstonmethodist.org) or Michelle Downey (sci@rice.edu).