

<b>Agency</b>	American Heart Association (AHA)
<b>Program</b>	Innovative Project Award (IPA)
<b>Project period</b>	≤ 2 years
<b>Budget</b>	Total direct costs: ≤ \$200,000 (≤ \$100,000/year)
<b>Due date(s)</b>	LOI: Oct 29, 2018 Full application: Jan 17, 2019

The Innovative Project Award is a high-risk, high-reward grant program. Projects should introduce new paradigms, challenge current paradigms, look at existing problems from new perspectives, or exhibit other uniquely creative qualities. Preliminary data is not required and not accepted. However, a solid rationale for the work must be provided.

*Note: Join or renew your AHA membership at least 5 business days before the deadline to avoid paying an application fee.*

### **Formatting**

**Font:** Arial/Helvetica, 12 point, black color.

**Margins:** At least ¾ inch on all sides.

No information should appear in the margins. For example, don't make headers or footers with the PI's name, or with page numbers.

**Spacing:** Single-spaced.

**Figures:** For figure legends, use Arial 12 pt. AHA does not specifically state font-size requirements for text within a figure or chart, but I suggest following the NIH instructions: it may be smaller but must be clearly legible.

**File format:** Convert to PDF before uploading.

### **Application Materials**

#### **1. Project Summary**

**Title:** ≤ 120 characters (If your application is a resubmission, use the same project title that was used in the previous application.)

**Abstract:** State the rationale, hypothesis, objectives (specific aims), methods, model organism(s), and end points.

IPA proposals undergo an initial streamlining review using only the project summary. Innovation and impact must be clearly defined.

## 2. Lay Summary

Provide answers to the following questions ( $\leq 800$  characters per answer). The text should be understandable to a non-scientist.

- (1) What is the major problem being addressed by this study?
- (2) What specific questions are you asking and how will you attempt to answer them?
- (3) Overall, what is the potential impact of this work to the mission of the AHA? You might address: What is the long-term biomedical significance of your work, particularly as it pertains to the cardiovascular area? What major therapeutic advance(s) do you anticipate that it will lead to? For instance, new drug(s), a surgical technique/procedure, a diagnostic tool/test, a previously undetected risk factor, etc.

## 3. Research Plan (5 pages)

### Suggested Length

- |   |          |
|---|----------|
| 1. Specific Aims                            | ½ page   |
| 2. Background and Significance              | 1 page   |
| 3. Preliminary Studies                      | 1 page   |
| 4. Research Design and Methods              | 2¼ pages |
| 5. Ethical Aspects of the Proposed Research | ¼ page   |

*Ethical Aspects of the Proposed Research.* Describe any special consideration you have given to all ethical issues involved in your proposed investigations (biohazards or human subjects, etc.), identifying risks and management. If using vertebrate animals, say so and refer the reader to the Vertebrate Animal Subjects attachment. Discuss the nature of the informed consent that will be obtained if the research involves human subjects. If the proposed project involves no ethical questions, indicate "5: NONE".

## 4. Literature Cited

## 5. Biosketch ( $\leq 5$ pages)

Follow the NIH format.

## 6. Budget Justification

Use the [Budget Justification Form](#) provided by AHA.

## 7. Vertebrate Animal Subjects

Address the following five points. When research involving vertebrate animals will take place at collaborating site(s) or other performance site(s), provide this information before discussing the five points.

1. Provide a description of the proposed use of the animals in the work outlined in the Research Plan section. Identify the species, strains, ages, sex, and numbers of animals to be used in the proposed work.
2. Justify the use of animals, the choice of species, and the numbers to be used. If animals are in short supply, costly, or to be used in large numbers, provide an additional rationale for their selection and numbers.
3. Provide information on the veterinary care of the animals involved.
4. Describe the procedures for ensuring that discomfort, distress, pain, and injury will be limited to that which is unavoidable in the conduct of scientifically sound research. Describe the use of analgesic, anesthetic, and tranquilizing drugs and/or comfortable restraining devices, where appropriate, to minimize discomfort, distress, pain, and injury.
5. Describe any method of euthanasia to be used and the reasons for its selection. State whether this method is consistent with the recommendations of the Panel on Euthanasia of the American Veterinary Medical Association. If not, present a justification for not following the recommendations.

**8. Collaborator's Biosketch** (if applicable)

Use an NIH biosketch or make a new one using the AHA guidelines.

**9. Collaborator's Letter of support** (if applicable)

**10. Consultant's Letter** (if applicable)

Describe the specific services that will be provided for the project.

**Items for the Office of Sponsored Projects (OSP)**

*1 month in advance of deadline:*

- Title of the proposal
- Funding opportunity announcement/solicitation
- List of collaborators or consultants at other institutions

*2 weeks in advance of deadline:*

- DRAFT Budget

4/18/2018