Alliance for Reduction of Diabetes Associated Microvascular Dysfunction (ADAM)  
Pilot Grant Program  
Request for Applications

The Alliance for Reduction of Diabetes Associated Microvascular Dysfunction (ADAM) seeks to assist clinicians and basic science scientists at the University of Kentucky to facilitate planning and implementation of focused collaborations in neurovascular/cardiovascular metabolism-related research, training, career development, education, and/or outreach. The pilot grants will provide support for neurovascular metabolism research projects for limited durations of time to perform feasibility studies and obtain preliminary data that will lead to the submission of specific competitive grant applications for support by the NINDS and/or other sources of funding. The pilots are targeted to junior clinical faculty and successful grantees will be paired with a faculty mentor from ADAM.

Proposed projects should involve clinicians and basic science scientists and centered on the following research themes:
- correlation of metabolic and inflammatory mediators of microvascular dysfunction in peripheral tissues with cerebral small vessel ischemic;
- correlation of metabolic and inflammatory mediators of microvascular dysfunction with ischemic heart failure;
- metabolic and inflammatory mediators of clot formation.

Application Format

Applications should include the following documents. Completed applications should be submitted to neuroscienceRPA@uky.edu

1. Completed Application Form including:
   a. Study Background (1 page)
   b. Study Design (2-pages)
   c. Budget and Budget Justification
   d. Plan for extramural funding (1 page)
   e. Signature Page

2. NIH-type Biographical Sketch (https://grants.nih.gov/grants/forms/biosketch.htm)

3. Documentation of IACUC or IRB submission or approval as applicable (applicants do not need IRB or IACUC approvals to submit a pilot grant application; successful applicants will need to submit any necessary IRB or IACUC protocols within two weeks of award notification and provide the NRPA with documentation of the submission).

4. Letters of support as applicable

Budget
The pilot grant program will support 2 grants of approximately $25,000 in direct costs each for a 1-year project period. Projects requiring higher levels of funding are still encouraged to submit an application; the ADAM’s goal is to support the most promising research and may award increased levels of funding to projects as appropriate and with justification, depending on availability of funds.

The following costs are not covered: administrative or office costs, meals or hospitality, travel that is not directly related to the conduct of research, other items typically supported by indirect costs, and monetary clinic incentives.

**Review Process**

Grant applications will be reviewed by investigators with appropriate neuroscience background and expertise and will use NIH-type evaluations (https://grants.nih.gov/grants/peer/guidelines_general/scoring_system_and_procedure.pdf). Applications will also be evaluated based on the potential for the proposal to eventually be competitive for extramural support. Following initial peer review, applications recommended for funding will be reviewed by the Alliance and final funding decisions made by joint agreement.

**Review Criteria**

Application review will based on the following considerations:
1. Innovation
2. Significance
3. Approach
4. Environment
5. Investigators
6. Probability that this project will lead to extramural funding
7. Additional review considerations:
   a. Budgetary considerations
   b. Regulatory approvals
   c. Letters of support/commitment (if applicable)

**Due Dates:**
- Call For Applications: December 8, 2021
- Application Deadline: February 1, 2021, 5:00pm EDT
- Funding Decision: February 22, 2021 (tentative)
- Funding cycle: March 1, 2021- February 28, 2022*
- Subject to change in response to the impact of coronavirus

**Notifications**

Reviews and award notifications will be provided within 3-weeks of the grant application deadline.

**Term**

Funding is for 1 year beginning March 1, 2021 and ending February 28, 2022. *Subject to change in response to the impact of coronavirus

**Awardee Responsibilities:**
- Awardees are expected to submit collaborative extramural grants
- Awardees are expected to publish their findings in scholarly peer-reviewed journals and present their research at professional meetings
- All publications, grants, and presentations resulting from research funded by the ADAM should cite the ADAM as a contributing source of support

A 1-page report summarizing the outcome of the project, extramural funding applications and awards, and the use of the awarded funds is due 1 month after the end of the funding period. Unspent funds are to be returned to the program. Extensions are not allowed.