

## CMGI Pilot Project Funds

CMGI has a limited amount of funding available to support pilot projects. These pilot funds are expected to be used to generate preliminary data for grant applications.

Proposals may be for imaging or for radiochemistry development. Funding can be used to cover CMGI imaging time (staff assisted or unassisted), radionuclide production, radiotracer synthesis, contrast agents and data analysis. The investigator is responsible for providing their own animals or samples.

On average, each grant will range from \$2,000-\$4,000. However, applications up to a maximum of \$10,000, particularly those for developing new radiotracers, will be considered if the proposal will clearly benefit multiple investigators on campus.

In reviewing applications, priority will be given to:

- Investigators who have not previously used CMGI
- Investigators who have no other sources of funding
- Junior investigators (e.g. Assistant Professors)
- Proposals that benefit multiple campus investigators

Academic Senate and Academic Federation members are both eligible to apply. However, Academic Federation members must be eligible to have PI status and be actively planning to submit grants as a PI.

Investigators are encouraged to consult CMGI staff to help develop these pilot funding proposals and budgets. Applicants do not need to compute the budget, they just need to provide sufficient information in the application for CMGI staff to estimate amount of funding needed. Typically, funds will support imaging 4-8 animals with 1-2 different modalities, along with basic data analysis.

### *Applications:*

Please fill out the following forms, and attach an NIH or NSF style biographical sketch, and save as a single PDF file. Applications can be submitted at any time. They will be reviewed by the CMGI Leadership, CMGI Advisory Committee and ad hoc reviewers. Decisions will be made by the CMGI Leadership based on scientific merit and available funds and communicated to the applicant within 60 days of an application being received.

Applications should be sent to Dr. Abhijit Chaudhari at [ajchaudhari@ucdavis.edu](mailto:ajchaudhari@ucdavis.edu)

### *Requirements:*

All studies require that the PI has an active IACUC protocol covering the proposed research at the time studies are to be performed.

Pilot Funding from CMGI and the Department of Biomedical Engineering should be acknowledged in any publications resulting from this support.

Data acquired with pilot funding may be used by CMGI in scientific presentations and on its website, with appropriate credit to the PI.

PI should be willing to share data acquired using CMGI pilot funding with other UC Davis investigators for whom the same pilot data would aid in grant proposals, subject to appropriate credit to the PI and subject to it not competing directly with PI's own proposal.

Funds must be utilized within 12 months of award.

## APPLICATION FORM

**Project Title:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Department:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

### **Brief Description of Proposed Project**

Please describe the goals and aims of this pilot project. Please state which imaging modality(s) will be used, which animal models will be used, how many animals you will be using and the expected outcome of the study. For radiochemistry development, describe the proposed radiotracer, justify its need and explain how it will be used and by whom:

Project description continued...

**Brief Description of Intended Future Grant Application (100 words maximum)**

Should this pilot study be successful, please describe the expected use and role of imaging in a future grant proposal. Be specific about the agency, the funding mechanism and the submission date.

**Other Investigators who could utilize this data or whom this project would benefit**

Please list other campus investigators who would utilize data from the proposed pilot project and explain how it would benefit them.

## INFORMATION REQUIRED FOR BUDGET ESTIMATION

### IMAGING:

Animal Model/Specimen Type: \_\_\_\_\_

A. Number of animals/specimens to be imaged: \_\_\_\_\_  
(Guideline: 4, Maximum 8)

B. Number of imaging sessions per animal: \_\_\_\_\_  
(Guideline: 2, Maximum 4)

C. Modality(s) to be used: \_\_\_\_\_

Radiotracer/Contrast Agent, if any: \_\_\_\_\_

Will CMGI staff be responsible for data analysis?    YES    NO

If YES, what information do you want from images?

Are you a member of the UC Davis Comprehensive Cancer Center?            YES    NO

Are you affiliated with the California National Primate Research Center?    YES    NO

### RADIOCHEMISTRY DEVELOPMENT:

Radiotracer to be developed: \_\_\_\_\_

Please provide a reference to the literature if the radiotracer has been previously synthesized:

\_\_\_\_\_

### **ANY OTHER INFORMATION YOU WISH TO PROVIDE**

**GUIDANCE:** CMGI pilot funding will typically support:  
Imaging 4-8 animals with 1-2 modalities, including basic data analysis OR  
Development of one new radiotracer for multiple campus investigators

Please attach your NIH- or NSF-style biographical sketch to this document and save the entire document as a single PDF. E-mail to: [aichaudhari@ucdavis.edu](mailto:aichaudhari@ucdavis.edu)

Deadline: Applications can be submitted at any time and are reviewed on an ongoing basis.

**Proposals that fail to meet the requirements, or greatly exceed the guidelines provided, will be returned without review.**