

## *Emory Molecular and Translational Imaging Research Center (EMTIC)*

### Request for P50 Research Project Applications

**DEADLINE FOR SUBMISSION IS May 16, 2009**

The NIH P50 EMTIC/ICMIC Program will provide funding for one Research Project with a multidisciplinary-based approach on molecular imaging. This project should be structured in order to maximize appropriate scientific interactions between the projects, and coordinated utilization of the Specialized Resources (see attached). This Research Project should be similar in size and scope to a typical R01 or subproject of a P01, and will be expected to meet the same standards of preliminary data in support of the hypotheses.

This Project will be supported at the level of \$150,000/year total direct costs.

Duration of Award: 4 years  
Start date of Award: September 1, 2009

Imaging modalities of interest include CT, MR, Optical, PET, SPECT and US.

#### **Research Projects (not to exceed 25 pages) –**

Research Components will define the scientific projects supporting the long-term goals of the ICMIC, and are to be presented using the format of a traditional research project [Research Plan: Include Sections a-d (Instructions for PHS 398, Pages 15-17)]. The leader(s) of each Research Component will be responsible for ensuring that ongoing research project(s) are relevant to the ICMIC goals, and that the investigators and projects remain highly integrated with other ongoing ICMIC research. Research Components may rely on the support of the Specialized Resources. The total number of pages for each Research Component is not to exceed 25. Describe the Research Component in sufficient detail to enable reviewers to judge the scientific merit from the written application. Do not present separate "subprojects". The project should have a single theme and budget.

More than one PI, or multiple PIs, may be designated on each Research Component. Following the description of the scientific goals, each Research Component should summarize exactly how the project integrates with the goals of the ICMIC, how it will communicate and complement the other Research Components, and how it will utilize the Specialized Resources. Describe in this section the relevance of the project to the primary theme of the ICMIC and the collaborations with investigators within the ICMIC. Explicitly state which Specialized Resources will be used by this Research Component, and, if possible, quantitate the anticipated usage of Specialized Resources in tabular format. This summary should not exceed 1-2 pages, which are included in the 25-page limit for each Research Component section. The font is Arial and size 11. The margins left, right, top and bottom are 1 inch.

The applicant should organize the application to include:

- A. Background and Significance
- B. Specific Aims
- C. Preliminary Data
- D. Experimental Methods
- E. Research Design and Methods
- F. Budget with Justification
- G. 4-page NIH Biosketches of PI and Co-Investigators

In order to prepare your project to meet the needs of the EMTIC, please review the attached Scope of Work (pdf file)

\*\*Please note that Research Project #4 is no longer a viable project. Also, new pilot projects are selected each year.