Intramural Application

for

Research Utilizing PET Imaging

Biomedical Research Foundation
Cruvant Fund

Deadline: April 15, 2005
2:00 p.m.
Room 1-214

http://www.sh.lsuhsc.edu/oor

A green sheet must be completed and sent in with your application. To obtain this form, please visit the Grants Administration website:
http://www.sh.lsuhsc.edu/grants
LSUHSC-S INTRAMURAL APPLICATION FOR
PET Imaging Research Award

Funding level $12,500

Objective Promote exploratory effort in the PET imaging field. Enhance competitiveness for national funding.

Eligibility Any full-time faculty member may apply.

Application procedure NIH RO1 application format with research plan not to exceed 10 pages; brief summary of extramural funding.

Restrictions Supplies, reagent, radiopharmaceutical, animal and imaging costs allowed; no travel allowed; no salary support allowed.

Expectations A progress report/summary of achievements prepared biannually during the grant period, including list of submitted extramural grants and publications.

Proposals funded by the Biomedical Research Foundation Cruvant Fund must have direct relevance to research using PET technology (animal or human).

If extramural funding for the same research project is received during the term of an intramural award, the unused balance will be returned to the intramural program upon receipt of extramural funds.
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PET Imaging Research Award Application

(To be completed by Principal Investigator)

Principal Investigator: ___________________________________________________________

Position: ________________________________ SSN: ___________________

Department: ___________________________________________________________

Project Title: ________________________________

Funding Sources:  Biomedical Research Foundation Cruvant Fund

Deadline:  2:00 p.m. Friday, April 15, 2005

Period of Application (1 Year):  From July 1, 2005 to June 30, 2006

Amount Requested:  $ _________________________ ($12,500 maximum)

Categories for special consideration (check one):

_____  New investigator (within 3 yrs of training completion)

_____  Other (explain) __________________________________

Principal Investigator Signature __________________________  Department Head Signature __________________________

Submit Original and 5 Copies of Application to Grants Office   1-214

I.  Page Limitations: Research plan must reflect experiments designed to be completed in one year.  **Total pages (single spaced) of research plan cannot exceed 10 pages.**

II. Budget: Budget should include sufficient funds for the proposed project, but should not exceed maximum level recommended for relevant award.

III. Relevance to Research Utilizing PET Imaging. Briefly state the relevance of proposed research to PET Imaging. The Biomedical Research Foundation PET Research Oversight Committee is charged with the task of overseeing PET clinical research and PET related basic science research projects. This committee will receive the reviews from the Research Advisory Committee and make funding recommendations to the President of the Biomedical Research Foundation.
ABSTRACT

Description: State the application’s broad, long-term objectives and specific aims, making reference to the health relatedness of the project. Describe concisely the research design and methods for achieving these goals. Avoid summaries of past accomplishments and the use of the first person. This abstract is meant to serve as a succinct and accurate description of the research plan for use by the review committee. DO NOT EXCEED THE SPACE PROVIDED.

PERSONNEL ENGAGED ON PROJECT, INCLUDING CONSULTANTS/COLLABORATORS. Mentor for young (new) investigator should be clearly identified here. Letter of support from mentor should accompany application.
BUDGET PAGE

1. Supplies and Operating Expenses (Please Itemize): (For estimates on MicroPET animal scanner costs please contact Shayne Barlow at sbarlo@lushsc.edu. For costs associated with scanner time on the human scanner contact jsund@biomed.org).

2. Radiopharmaceutical Costs: (May be substantial. Please contact John Sunderland at jsund@biomed.org to get quotation and help with radiopharmaceutical availability and costs):

3. Equipment (Please Describe):

4. Other Expenses (Please Specify):

TOTAL EXPENSES: ___________
PI Name _________________________________

BIOGRAPHICAL SKETCH

Give the following information for the Principal Investigator.

NAME ______________________________ POSITION/TITLE: ________________________

EDUCATION (Begin with baccalaureate or other initial professional education such as nursing, and include postdoctoral training).

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RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications (except abstracts) during the past three years and to represent earlier publications pertinent to this application. **DO NOT EXCEED TWO PAGES.**
OTHER SUPPORT
(Use Continuation Pages if Necessary)

For the Principal Investigator, list, in four separate groups:
(1) active support; (2) applications and proposals pending review or funding; (3) applications
and proposals planned or being prepared for submission; and (4) projects funded in the past 5
years. Include all Federal, non-Federal, and institutional grants and contract support. If none,
state “none”. For each item give the source of support, identifying number, project title, name of
principal investigator, time or percent of effort on the project, annual direct costs, and entire
period of support.

(1) ACTIVE SUPPORT:

(2) PENDING APPLICATIONS:

(3) APPLICATIONS PLANNED OR BEING PREPARED:

(4) PROJECTS FUNDED IN THE PAST 5 YEARS:
The suggested format for the Research Plan is:

(A) **Specific Aims.** State concisely and realistically what the research described in this application is intended to accomplish and/or what hypothesis is to be tested.

(B) **Significance.** Briefly sketch the background to the present proposal, critically evaluate existing knowledge, and specifically identify the gaps which the project is intended to fill. State concisely the importance of the research described in this application by relating the specific aims to longer term objectives.

(C) **Preliminary Studies.** Applicants may use this section to provide an account of the principal investigator’s preliminary studies pertinent to the application and/or any other information that will help to establish the experience and competence of the investigator to pursue the proposed project.

(D) **Experimental Design and Methods.** Discuss the experimental design, methodology and procedures proposed to accomplish the specific aims of the project.

(E) **Relevance to PET Imaging.**

(F) **Literature Cited.** Cite only references pertaining to application. **Do not exceed two pages for references.**

(G) Applications from Instructors must be accompanied by a letter from the Department Head stating independence of applicants in terms of laboratory space and planned development of the applicant’s career at LSUHSC.

(H) For young (new) investigators, a letter from a faculty member willing to serve as a mentor will be helpful.

(I) If this application is a revised version from a previous submission, a rebuttal to the reviewers’ critiques must accompany this application.

**APPENDIX:** Limit to those items absolutely necessary for grant review.
Description: Use this section to summarize the research plan as outlined on the previous page. Include the specific aims, significance, preliminary studies, etc. (10 page limitation)