Einstein-Montefiore Institute for Clinical and Translational Research and the Center for Chemical Biology and Experimental Therapeutics

PILOT RESEARCH GRANTS: APPLICATIONS DUE SEPTEMBER 17, 2012

FUNDS ARE AVAILABLE IN THE AREAS OF DRUG DESIGN AND DEVELOPMENT USING CHEMISTRY CORE FACILITIES

We announce the availability of Pilot and Feasibility Funds (five awards of $8,000 ea.) for new projects in the field of drug design and chemical synthesis utilizing the chemistry core facilities, especially chemical synthesis, provided by the Chemical Biology Core Facility. The specific capabilities of the Core can be found at [www.einstein.yu.edu/sr/chembio](http://www.einstein.yu.edu/sr/chembio). In addition, the proposed work can involve the Macromolecular Therapeutics Development Facility [www.einstein.yu.edu/sr/mtdf](http://www.einstein.yu.edu/sr/mtdf).

Target-related chemical synthetic efforts across the spectrum of research disciplines and designs are eligible. These include compound library design, specific synthesis, structure-activity (SAR) studies and rational drug design. These funds are intended to enable investigators to generate preliminary data to provide the basis for seeking extramural funding. Researchers are encouraged to use this opportunity to establish collaborative interactions with the Core Facility team of scientists. Future funding can then support long-term collaborations utilizing the core facilities.

Pilot and feasibility funds are not intended to supplement funded drug design research programs, but will support new research directions. Recipients are required to hold the rank of Assistant Professor or higher at the time of the award.

BUDGET: The only allowable costs are for Einstein-based Core Facilities.

ELIGIBILITY (in order of priority):

This program is designed to support:

1) New investigators with interests in new drug design and chemical synthesis. Meritorious applications from new investigators receive priority for funding.

2) Established Faculty in other areas who wish to apply their expertise to new drug design and chemical synthesis.

3) Faculty who wish to explore a new area of research that constitutes a substantive departure from their on-going work.

APPLICATION:

Applications are limited to two pages, single spaced Arial 11 font, including diagrams, references and text. The application should answer the questions: 1) what biomedical need does my request address? 2) Why is my target the right one? 3) What is the state of the art chemistry for this target? 4) What compound(s) do I want? 5) Is there a published synthetic path? (helpful but optional) and 6) How will you use the compounds you get?

In addition, please include an NIH-style biosketch (including "other support", but no "personal statement") and a brief budget (i.e., projected Core Facility expenditures).