

## Chemical Biology in Translation (CBIT- ITMAT) High Throughput Chemical Screening RFA

The Institute for Translational Medicine and Therapeutics (ITMAT) and the Penn Center for Molecular Discovery (PCMD) are pleased to announce opportunities for chemical high throughput screening (HTS) of up to 25,000 compounds against biochemical, cellular, or organism targets of interest, along with hit-to-lead chemistry. The chemical library will be provided by the PCMD ([www.seas.upenn.edu/~pcmd](http://www.seas.upenn.edu/~pcmd)).

A 2-page proposal submitted by 5 pm on **January 5, 2009** is required. Investigators can request up to \$15,000 for supplies only. Funding begins **February 1, 2009**.

### Submission Requirements

#### Guidelines

- CBIT-ITMAT grants are available to registered members of the Institute for Translational Medicine and Therapeutics as well as Associate Members who hold Instructor A or Research Associate positions.
  - The proposals must center on high throughput chemical screening of a biochemical, cellular, or organism targets.
  - Applications are submitted electronically utilizing ITMAT's Pilot Grant System, which can be found at <http://www.med.upenn.edu/apps/my/pilotgrants>. This is where you will enter your Transmittal Information (title, PI(s), Budget summary, etc.)
  - Please use the document templates attached to this PDF to compile your application.
    - Abstract Page:** The abstract page should be no longer than 250 words.
    - Budget and Justification:** Please use the Excel template budget page and provide justification for up to \$15,000 for supplies. No salary or travel allowed.
    - NIH Biosketch:** An NIH format biosketch must be submitted for the PI and the Co-PIs.
    - Research Proposal:** The research proposal shall be no longer than two single-spaced pages with one-inch margins, and should include the essential background information relative to the project. This proposal should contain the following sections:
      - A. Title
      - B. Biological target & disease relevance
      - C. Proposed screening protocol (ideally in 384-well plate) and detection method
      - D. Known positive and negative controls or preliminary studies (e.g. 96-well plate)
- References** can be appended to the two-page Research Proposal as a separate page.

- All proposals are due by **January 5, 2009 at 5 pm** for a project start date of **February 1, 2009**.
- Any publications that are the direct result of this funding should mention: **“Supported in part by the Chemical Biology in Translation Program in Translational Medicine and Therapeutics.”**
- A one page project summary will be due 60 days after completion of the project as defined by the project end date. In addition, please provide an accounting on the disbursement of the funds.

**Document Submission** is performed electronically utilizing ITMAT's Pilot Grant System which can be found at <http://www.med.upenn.edu/apps/my/pilotgrants>.

**Application or Funding Questions** Please direct any questions to Dr. Scott L. Diamond, Director, Penn Center for Molecular Discovery ([sld@seas.upenn.edu](mailto:sld@seas.upenn.edu)) or 215-573-5702 or to Dr. William DeGrado ([wdegrado@mail.med.upenn.edu](mailto:wdegrado@mail.med.upenn.edu)) or 215-898-4590.