

**Institute for Translational Medicine and Therapeutics (ITMAT)
Center for Targeted Therapeutics and Translational Nanomedicine (CT³N)**

CT³N Pilot Grants

CT³N invites PENN and CHOP researchers to submit competitive proposals for Pilot Grants by August 14, 2023. The goal of the Pilot Grant program is to support early-stage experimental preclinical studies in targeted therapeutics and translational nanomedicine and thus assist investigators in obtaining key data to seek extramural funding. The award will be in the amount of \$50,000 for one year.

Scope:

Projects including preclinical (animal, cell culture and in vitro) experimental studies focused on the design of systems for targeted delivery of therapeutics and/or imaging agents, as well as collaborative projects bridging engineering/material science and biomedical aspects of targeted therapeutics are welcome. Proposals will be evaluated based on their relevance to CT³N areas of interest, the interdisciplinary and collaborative character (including use of PENN and CHOP core facilities, such as the Chemical and Nanoparticle Synthesis Core), and innovation and translational potential.

Eligibility:

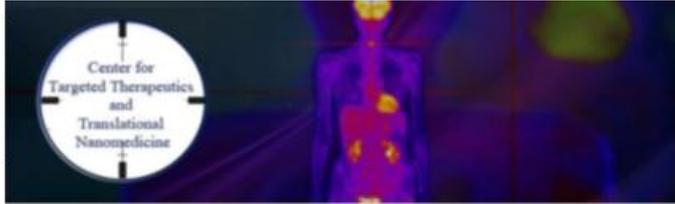
Applicants must be based at the University of Pennsylvania and be a full-time faculty of PENN/CHOP. Joint proposals by co-PIs from PENN/CHOP and CT³N members from other institutions (e.g. Drexel, Temple, Jefferson, PSU) will be considered. Applicants must be members of **ITMAT and CT³N**, and be willing to present their work at 'work-in-progress' seminars. Faculty members from all ranks and tracks are eligible to apply. Investigators in the rank of Senior Investigators and Research Associate may apply on the condition of providing an approval letter from the Department Chair and a letter from the faculty member PI of the lab, confirming that a Research Associate's project represents an independent new extension of the research area of this lab.

Proposal preparation:

Document Submission

All applications should be submitted via [ITMAT's Pilot Grant Portal](#). You will need your PennKey username and password to access this system.

- Select **CT³N** when creating a new application. Application and budget templates can be found [here](#) (at the bottom of the CT³N pilot grant section).
- Each Investigator and Co-Investigator must have the approval of their respective Business Administrator. *Please ensure that you have liaised with all of the Co-Investigators on your application. This will avoid proposals being rejected by their Business Administrator.*
- **Penn Investigators** should select the Business Administrator that normally signs off on all of their research proposals.
- **CHOP Investigators** must select Prema Sundaram or Michael Campbell as their Business Administrator. **PLEASE ONLY CHOOSE ONE.**
- Please ensure that the documents you upload are the final versions. ITMAT will not update or replace uploaded files.



- All documents must be uploaded by **noon** on the due date of the proposal to ensure time for all approvals. All approvals must be completed by **5 pm** on the due date. **THERE WILL BE NO EXCEPTIONS.** *We suggest you do not wait until noon to start uploading documents.*
- Once all approvals are completed, the grant will be received by ITMAT.

Format

Please use the provided application and budget templates

- **Abstract:** Maximum of 300 words, should include a statement of ITMAT membership, commitment to participating in **CT³N** activities, and the title of an approved or pending IACUC protocol if animal studies are proposed. If a pilot grant is awarded, you will be requested to submit your approval letter. In designing your abstract, please consider that it may also be used as a non-confidential summary of your project.
- **NIH biographical sketch**
- **NIH other support page**
- **Budget:** Maximum \$50,000 in direct costs. Budget categories may include salary support for key personnel (no salary support for the PI is allowed), reagents and other supplies, animal purchasing and care.
- **Budget justification**
- **Research project** (total 2 pages) including:
 - Specific aims
 - Background
 - Research plan
 - Summary of anticipated results and their utility for researcher's long-term goals
- **References** (an additional 1 page max)

Award Terms:

Proposals will be reviewed by the **CT³N** executive committee and funding will be started for one year by October 16. A final progress report is due one month after the close of the project period and should contain a one-page description of main findings and their significance, a list of resulting funding, publications, presentations, and collaborations.

Support from ITMAT/CT³N should be acknowledged in any publications evolving from the project:

- “Supported in part by the Institute for Translational Medicine and Therapeutics of the Perelman School of Medicine at the University of Pennsylvania.”
- “Research reported in this publication was supported by the National Center for Advancing Translational Sciences of the National Institutes of Health under Award Number UL1TR001878. The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIH.”

Application or Funding Questions

Please direct questions related to eligibility and fit with the scope of **CT³N** to Dr. Muzykantov, muzykant@mail.med.upenn.edu. Please address questions related to the application process to Jackie Rhodes (jarhodes@upenn.edu) or Andrea Albelda (aalbelda@penncmedicine.upenn.edu).