Request for Applications

The Center for Clinical and Translation Technology Translational Technologies and Resources (TTR)

Small Matching Funds for CCTS/CCC Medicinal Chemistry Shared Resource

Purpose

The overarching purpose of the Translation Technologies and Resources Core is to transform and enhance Core Resources and services at The Ohio State University (OSU) and Nationwide Children's Hospital (NCH). The Drug Discovery and Development Core leverages expertise in oncology drug development in the OSUCCC and expands the technologies into other diseases. One aspect of the expertise is the Medicinal Chemistry Core Laboratory supported by the Comprehensive Cancer Center and the Center for Clinical and Translational Science.

The Medicinal Chemistry Shared Resource (MCSR) integrates the expertise of multiple disciplines, including synthetic and process chemistry, instrumental analysis and molecular pharmacology, to provide medicinal chemistry support to investigators at the OSUCCC – James as well as to other academic and commercial institutions.

The immediate goal of the MCSR is to provide many aspects of medicinal chemistry service, including chemistry consultations, sample purity analyses and preparations, and custom syntheses to interested OSUCCC – James and CCTS investigators for the identification of new therapeutic targets and/or biomarkers of drug activity. From a long-term perspective, the MCSR, in collaboration with other OSUCCC – James and CCTS Shared Resources, will translate basic science findings from OSUCCC – James investigators into small-molecule agents for testing individual hypotheses, adding an important dimension to translating basic science to the clinic.

The purpose of these matching fund grants is to provide funding credit to investigators for the above listed services. This can include personnel time and required reagents and supplies.

This program will provide matching funds up to $5,000 per investigator as long as the investigator is ready to pledge an equal amount of funds towards MCSR core charges. This effort is aimed at broadly disseminating the expertise of the shared resource to benefit laboratories at The Ohio State University and Nationwide Children's Hospital.

Applications will be reviewed upon receipt
PILOT PROJECT FUNDING DETAILS

Funding: Amounts up to $5,000 (matching 1:1) in total direct costs. New Investigators, as defined by the NIH (Program Director/Principal Investigator (PD/PI) that have not previously competed successfully as PD/PI for a significant NIH independent research award), may apply for funding without committing matching funds.

Eligibility: Any principal investigator at OSU, NCH or CTSA Consortium Institution. Tenure track investigators preferred. All awardees must be or become members of the CCTS.

Allowable costs: MCSR core charges only; no other costs are allowed. MCSR (through the eRAMP system) will provide a quote for the service(s) required

APPLICATION INSTRUCTIONS

1. Name of Investigator and Co-Investigators
2. Project Title
3. Funding amount requested (i.e. amount available from Investigator for synthesis to be matched) and type of funding source: CCTS, NIH/PHS, Industry, Foundation, OSU, departmental, other.
4. Translational significance of project and importance of requested compounds to completion of project (i.e. ultimate use for synthesized compounds.)
5. Precise compounds and amount requested for synthesis
6. Literature references for synthesis
7. Appendix: Applicant NIH Biosketch
8. Required signature on reporting requirements for approval of work. This specifically applies to papers published resulting from this work, grant applications and funded grants resulting from this work. The understanding that failure to comply with this requirement will require repayment of funds to CCTS used for project. The following support acknowledgement needs to be included on ALL PUBLICATIONS that result from CCTS support.

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FAILURE TO ACKNOWLEDGE SUPPORT OF CCTS WILL REQUIRE REPAYMENT OF SUPPORT FUNDS TO THE CCTS.

Please submit your application to Dr. Michael Darby darby.1@osu.edu