Centers of Biomedical Research Excellence (CoBRE)
Call for Proposals
2021 Full Research Project and Pilot Project Grants

The Oklahoma Center for Respiratory and Infectious Diseases (OCRID) invites applications for Full Research Project and Pilot Project Grants. The purpose of the full research project grant program is to provide funding and mentoring for transitioning a CoBRE project to independent NIH R01 grant support. The purpose of the pilot project grant program is to provide seed funding to generate preliminary data for an extramural research grant application. Applicants must propose a project that fits into the central theme of the OCRID research areas, i.e. infectious diseases of the respiratory system. Projects that use OCRID research cores (Animal Model Core, Immunopathology Core and Molecular Biology Core) are highly encouraged.

Eligibility:

- Full-time faculty members at any rank who have achieved an independent status at OSU, OUHSC, OU Norman or OMRF are eligible to apply.
- Current project leaders who received 3 years or less CoBRE research project support, but do not have current CoBRE research project support to last beyond June 30, 2021 may apply. Project leaders who have not submitted an R01 grant application within two years of CoBRE research project support are not eligible to apply. The current project leaders must provide a progress report and a solid justification for why continued support is needed.
- Previous recipients of OCRID pilot projects grants may apply. A progress report must be included. Previous unfunded OCRID pilot projects may be resubmitted and responses to previous critiques must be included.
- Simultaneous submission of a proposal as an NIH R01 grant and an OCRID grant is acceptable. However, a statement to decline or relinquish the OCRID grant, if the R01 grant is funded, must be included.
- Concurrent full research project or pilot project support from more than one IDeA award and support of a Research Project Leader by the COBRE mechanism beyond a total of five years are not allowed per NIH guidelines.

Funding levels: Up to 4 projects will be awarded a two-year full research project grant at a level of $497,420. Up to 4 projects will be awarded a one-year pilot project grant at a level of $25,000 to $50,000.

Important Dates:

Application deadline: 5 pm, March 1, 2021
Anticipated Start Date: July 1, 2021
Funding End Date: June 30, 2022 for pilot projects and June 30, 2023 for projects (no extension will be granted)

Application Submission: Applicants should submit a complete application (see format below) in a single PDF file to ocrid@okstate.edu with Last Name_OCRID Grants_2021 on subject line.

Review:

All proposals will be screened by an internal review committee regarding suitability for OCRID support. Proposals that have passed the initial screen will be evaluated by a review committee composed of OCRID External Advisory Committee members and Internal Review Committee members. The review will be based on the investigator's eligibility for CoBRE research support, project relevance to the CoBRE central theme, scientific merit of the project, the potential for developing an extramural grant proposal, and the PI's productivity and potential to become an independent NIH-funded investigator.

Proposal Preparation:

Separate applications are not needed for full research project and pilot project grants. An application will be considered for a full research project for the top 4 proposals or a pilot project support for the top 5-8 proposals. Proposals must be typed, single spaced with minimum 1" margins top, bottom & sides, and using a font no less than 11 point, and must not exceed the page limitations as indicated below.

1. Use PHS398 forms and instructions (http://grants.nih.gov/grants/funding/phs398/phs398.html) and only the following sections should be submitted:
   - Face Page.
     - 7b should be $248,710 and 8b should be $497,420.
     - 7a and 8a should be calculated based on 7b and 8b at an institutional F & A rate.
     - If a project is selected for pilot project support, an adjusted budget will be requested (see budget section below).
   - Project Summary (Page 2) (<250 words): this may be used for OCRID website.
   - Research Strategy Section **(limit 6 pages)**
2. In addition to the research proposal, the Research Strategy Section must include descriptions of the following within the 6-page limit:
   - External Funding Plan (list specific plan and timeline for obtaining external funding for the proposed research; explain how the results from this project will enhance this effort; and where you will apply to).
   - Whether and how your project will utilize the OCRID Research Cores (see a list of Core services on OCRID website https://ocrid.okstate.edu/).
   - For applicants who previously received OCRID full research project support, **an additional one-page progress report** must be provided, including project progress, publications/abstracts/presentations and grants submitted or obtained as a result of the previous OCRID funding as well as a solid justification why continued support is needed. Summary statements for R01 applications, if available, must be included.
   - For applicants who resubmit a previously unfunded OCRID pilot project grant, **one additional page to address previous critiques** must be provided.
3. References **(no page limit)**
4. Vertebrate Animals (if applicable). Follow Section 5.5.5. in the instructions, U.S. DHHS Public Health Service Grant Application (PHS 398) (nih.gov) **(no page limit)**
5. PHS FORMS E - Human Subjects and Clinical Trials Information Form (if applicable). Follow Section 5.5.12 in the instructions, U.S. DHHS Public Health Service Grant Application (PHS 398) (nih.gov) **(no page limit)**
6. Budget & Personnel Justification
   - Use "Modular Budget" See example https://grants.nih.gov/grants/funding/424/SF424R-R_PHS398_ModBud_Sample.pdf.
     - No specific forms are required.

- o Include budget period, direct cost, F & A and total cost. The total cost for 2 years should be $497,420 (Year 1, $248,710 and Year 2, $248,710)
  - o No subawards are allowed
- Personnel justification (**limit 1 page**).

<u>Additional information for budget</u>

- If a project is selected for full research project funding,
  - o A project leader must make an initial minimum commitment of 6 person months annually.
  - o Additional just-in-time information will be requested including a letter from the department chair/head to ensure the protected time for the CoBRE project, updated other support and detailed budget and budget justification.
- If a project is selected for pilot project funding,
  - o A revised detailed budget and justification for the amount indicated below will be requested.
  - o Salary for faculty and equipment are **NOT** allowed for a pilot project. However, the effort levels (calendar months) committed to the project should be included.
  - o The CoBRE will fund $25,000 for all awarded pilot projects and additional matching funds of $25,000 are committed from the OSU Office of Vice President for Research for OSU non-CVM applicants, $25,000 from OSU CVM for CVM applicants, or $10,000 from the OUHSC College of Pharmacy (COP) for COP applicants.

    *For OSU applicants, budget for a pilot project should be $50,000 in direct costs (DC) only.
    *For OUHSC COP applicants, budget for a pilot project should be $35,000 [$10,000 (DC) from COP and $25,000 (DC plus F &A at an institutional F & A rate)].
    *For other non-OSU applicants, budget for a pilot project should be $25,000 (DC plus F & A at an institutional F & A rate).

7. Biosketches of PI and key personnel, use NIH format (https://grants.nih.gov/grants/forms/biosketch.htm).

Terms:
- ▪ Awardees are required to attend OCRID weekly meetings (Wednesdays, 12:15 pm to 1:30 pm) including seminars, work-in-progress and journal club and give a presentation at the Annual Respiratory and Infectious Diseases Research Retreat.
- ▪ Awardees are required to submit an external proposal within 6 months of the end of a pilot project or an NIH R01 by the end of a full research project as a condition of acceptance of the award.
- ▪ Awardees **MUST** acknowledge this grant support as well as CoBRE Research Core support (if applicable) in each publication, presentation, press release, or any other document resulting from the proposed research. A disclaimer should be included such as *"This work was supported (in part, if applicable) by the NIGMS/NIH under Award Number P20GM103648".*

DO NOT attach other materials to the proposal. Approvals for animal use and human subjects are not required at the time of submission. However, **funds will not be released until proof of such approvals is presented.**