



SC COBRE IN OXIDANTS, REDOX BALANCE, AND STRESS SIGNALING

The NIH Centers of Biomedical Research Excellence (COBRE) Program is an opportunity available to institutions within South Carolina and other Institutional Development Award (IDeA) eligible states. The objective is to strengthen an institution's biomedical research infrastructure through the establishment of a thematic, multi-disciplinary center and to enhance the ability of investigators to compete independently for NIH research grants or other external peer-reviewed support. The COBRE center contains scientific cores and individual research projects led by eligible junior investigators.

THIS IS A REQUEST FOR PRE-PROPOSALS FROM ELIGIBLE INVESTIGATORS WHO WISH TO BE CONSIDERED AS A JUNIOR PRINCIPAL INVESTIGATOR OF THE SC COBRE IN OXIDANTS, REDOX BALANCE, AND STRESS SIGNALING. A SYNOPSIS OF THE COBRE THEME AND CORES IS AVAILABLE AT [HTTP://ACADEMICDEPARTMENTS.MUSC.EDU/PHARMACOLOGY/COBRE/INDEX.HTM](http://academicdepartments.musc.edu/pharmacology/cobre/index.htm).

An eligible junior investigator is defined as an individual who does not have and has not previously had an external, peer-reviewed Research Project Grant (RPG) or Program Project Grant (PPG) sub-project from either a Federal or non-Federal source that names that investigator as the PD/PI. MPI status and/or status as PI/PD of exploratory/pilot project grants (e.g., R03, R21, R15 awards), mentored career development awards (e.g., K01, K08, K23), or other Federal or non-Federal funding whose purpose is to provide preliminary support in anticipation of a RPG or PPG, do **not** disqualify the investigator. See <http://grants.nih.gov/grants/guide/pa-files/PAR-14-035.html> for a full description on "Criteria for Eligibility of Junior Investigators". This website also provides examples of types of projects supported. While there are no restrictions on disease focus, investigators with projects that incorporate redox biology and/or stress response pathways are encouraged to apply.

The award covers \$150,000 direct costs annually to include six calendar months of investigator support. The parent award also covers facility fees for the supported cores (Analytical Redox Biology; Bioenergetics Profiling; Cell and Molecular Imaging and Proteomics). The COBRE administrator will work with the selected Junior Investigator to develop a budget.

Interested candidates should email a Letter of Intent to Mary Albano at albano@musc.edu on or before **Wednesday, March 22, 2017** &, as a single pdf file, a pre-proposal to include the following on or before **Wednesday, March 31, 2017**.

1. Cover Page containing project title and name of junior project investigator.
2. A proposal, up to two pages summarizing *Aims, Background, Approach, Use of Cores, Proposed Mentor(s), and Relation of Pending Proposals to the Proposed Project* (if applicable). Total of three-pages is inclusive of any figures (references do not count in the page limit). Use Arial 11-point font with 0.5" margins.
3. An update-to-date NIH-formatted Biosketch in the new five page format (see [NOT-OD-15-032](#) for guidance and links to instructions and samples). The Research Support section should be modified to **include pending proposals or planned submissions**, in addition to current and past support.

Pre-proposals will be reviewed by the COBRE PI and members of the Internal Advisory Committee with consideration given to the following:

- Scientific merit of the proposed research
- Candidate's likelihood of being funded within three years
- Candidate's fit with COBRE theme in oxidants, redox balance and stress signaling
- Candidate's use of cores

Questions related to this Request for Proposals can be forwarded to Kenneth Tew (tewk@musc.edu), Deza Bonsell (borckadm@musc.edu), or Mary Albano (albano@musc.edu).