



Children's Center for Developmental Lung Biology Request for Applications

The Children's Center for Developmental Lung Biology (**CC-DLB**) is a new pediatric research center sponsored by Children's Healthcare of Atlanta (Children's), in collaboration with Emory University. The goal of this center is to promote research in developmental lung biology, pediatric pulmonary diseases and the impact of chronic oxidative stress on the developmental processes. We are pleased to announce the CC-DLB 2010 Request for Application guidelines.

ELIGIBILITY

The CC-DLB focuses on promoting collaborative, inter-departmental or inter-institutional efforts between faculty members of the Emory Department of Pediatrics, the medical staff of Children's, investigators with related interests in other departments at Emory or other institutions within the state of Georgia. The goal is to build new collaborations that will lead to sustainable research programs, new grants, and important new discoveries related to developmental lung biology. Proposals that link researchers at different institutions are particularly encouraged but one principal investigator must be a faculty member in the Department of Pediatrics at Emory or on the staff of Children's. These investigators could include (1) junior investigators without independent grant support seeking to establish independence in this field of research or (2) investigators with independent grant support who wish to pursue a new research direction. Projects can include basic laboratory studies, clinical research studies, and translational research studies.

AMOUNT OF SUPPORT

In this first round of funding, the goal is to support projects that have been previously submitted to NIH as a R01 or Challenge grant but need to develop critical data for resubmission for the fall of 2010. Funding will be \$100,000 per project and funding decisions will be announced by February 26, 2010. All applications will be evaluated for scientific merit by an Internal Advisory Committee comprised of members outside the Emory Department of Pediatrics. Projects recommended for funding will be approved by the Children's Research Advisory Committee. Funds will be available March 1, 2010 and must be spent within the calendar year. **No carry over will be allowed. Funds may not be used to pay any costs associated with institutional overhead.**



Center for *Developmental Lung Biology*

Children's Center for Developmental Lung Biology Request for Proposals

Application Due Date: February 1, 2010

Award Notification Date: February 26, 2010

Funding Period: March 1, 2010 - December 31, 2010

All awards must have appropriate institutional regulatory approvals (IRB, IACUC, etc.) at the time of submission.

Application Instructions

Please submit a single PDF version of the application that includes the following:

1. **Face Page:** NIH SF424 face page
2. **Research Plan:** A 5-page, single-spaced, Arial 11 font, 0.5" margins (excluding references) plan that include the following
 - **Specific Aims:** State concisely the hypothesis to be tested and the specific aim(s) to be achieved during the grant period. The aims must be reasonable and achievable during the nine month funding period.
 - **Background and Significance:** Outline how the proposal addresses developmental lung biology, pediatric pulmonary diseases or the impact of chronic oxidative stress on the developmental process.
 - **Preliminary Data:** Discuss the pertinent research findings that will help establish the experience and competence of your project. If necessary, reprints or figures can be submitted as an appendix.
 - **Research Design and Methods:** Concisely present the experimental design and methods to be used to accomplish the specific aim(s) relating to the impact of chronic oxidative stress on the biology of the developing lung. Include how the results will be interpreted and how they will lead to future investigations. Well-known methods and standard procedures may be described very briefly or referenced, but novel experimental approaches should be outlined in more detail.
3. **References:** 1 page

4. **Study Section reviews** of previous submission and the Specific Aims page for the original application
5. **A 1-page summary** addressing the following additional review criteria:
 - **Extramural Funding Plan:** Description of how the results of this project will address the concerns identified during the previous Study Section grant review and lead to future investigations and grant applications.
 - **Leveraging of resources:** Explain how the seed grant will stimulate additional opportunities and how the resources will promote sustainable interactions and ongoing collaborations.
6. **Letter of Support** from Department Chairs or Institutional Officials agreeing to the terms of the award, including absence of institutional overhead costs if awarded.
7. **NIH Budget Pages** for the proposed project
8. **NIH-format Biosketch**
9. NIH format Other Support page for Principal Investigator

Please submit the PDF or questions to: Lou Ann S. Brown, Ph.D., Director for the Center for Developmental Lung Biology; Tel: 404-727-5739; Fax: 404-727-9834; E-mail: lbrow03@emory.edu.

Terms of Awards: Grantees will be required to submit a progress report describing the results of their work, as well as related publications and funding. *Acceptance of funds implies a firm commitment to provide this progress report to the committee by September 1, 2010.*

Expenditures allowed:

- Principal Investigator salary support (\$25,000 maximum).
- Staff salary support
- Research supplies and animal maintenance
- Equipment costing less than \$5,000.
- Special fees (pathology, photography, etc.)
- Publication costs, including reprints

Expenditures NOT allowed:

- *No institutional support*
- Secretarial/Administrative personnel salary support
- Office equipment and supplies
- Computers

- Tuition
- Domestic or Foreign Travel
- Dues and membership fees in scientific societies
- Honoraria and travel expenses for visiting lecturers
- Rental of office or laboratory space
- Construction or building maintenance
- Recruiting and relocation expenses

Additional information:

For more information on the Center for Developmental Lung Biology, please contact Center Director, Lou Ann S. Brown, Ph.D.; Tel: 404-727-5739; Fax: 404-727-9834; E-mail: lbrow03@emory.edu or refer to www.pedsresearch.org.