



## **Announces**

**The 2010**

### **Request for Applications for Basic, Clinical, and Translational Pediatric Lupus Research**

**RFA 010-04 (P)**

**On behalf of the Michael Jon Barlin Pediatric Research Program**

**Award Amount: No greater than \$60,000**

**Contact:**

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**Letter of Intent Deadline: April 19, 2010 at 5 p.m. EST**

**Application Deadline: June 18, 2010 at 5 p.m. EST**

**Award Date: September 6, 2010**



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## **INTRODUCTION**

On behalf of the Michael Jon Barlin Pediatric Research Program, LFA issues this RFA to address key issues relevant to lupus in pediatric and/or adolescent populations.

Lupus in children tends to be more severe and often involves multiple organ systems. Drug treatment of children comes with important ramifications for their biological, psychological, and social development that have not been adequately studied. The care of children with lupus also involves lifelong strategies for disease management, which become especially important during transitions to adolescence and adulthood.

This RFA seeks applications whose research outcomes will significantly enhance current understanding of the care of children with lupus and their special needs in areas relevant to biology and education, social and psychological support, and successful transitions to adolescence and adulthood.



## **RESEARCH OBJECTIVES**

This award is intended to provide start-up funds for pilot studies whose outcomes will facilitate the development of large-scale studies of and help springboard researchers toward elucidation of issues relevant to:

- Identification of the short- and long-term biological effects of disease-related and prolonged corticosteroid (and other) drug treatments for the long-term management and care of children with lupus. Investigations of drug treatment effects on child growth and development, reproductive ability, hirsutism, acne, possibility of obesity, and overall worse prognosis are welcome, as are those of immunization efficacy and safety, and biomarker identification and validation.
- Identification of the short- and long-term social and psychological effects of disease and prolonged drug treatments for the long-term management and care of children with lupus. Investigations of disease and drug treatment effects on social acceptance, education and school attendance, medication noncompliance, and increased needs for supervision and psychological support are welcome. Likewise, the impacts of the disease on the families of affected children are also topics of interest.
- Development, implementation, and/or validation of specialized treatment guidelines, innovative health care delivery models, and patient-reported outcome measures.
- The development, implementation, and/or validation of tools to measure quality of life in children with lupus and to facilitate the development of the self-autonomy and self-care necessary for the pediatric patient to successfully transition to adolescence and adulthood while maintaining a structured, safe, and effective treatment plan that includes drugs, doctors visits, education, as well as social and psychological support.



## **ELIGIBILITY**

Applications will be accepted from tenure-track Principal Investigators possessing the rank of Assistant Professor (or equivalent) or above who directs a laboratory dedicated at least in part to the investigation of lupus at a U.S. academic, medical, or research institution. Applicants should not already possess a substantial grant award (e.g. RO1 or equivalent) to pursue the aims described in their lupus-specific research proposals. Applicants whose home institutions are in Canada or Mexico may apply if collaborating (e.g. co-PI) with a tenure-track Principal Investigators possessing the rank of Assistant Professor (or equivalent) or above who directs a laboratory dedicated at least in part to the investigation of lupus at a U.S. academic, medical, or research institution

## **FUNDING OPPORTUNITY**

RFA 010-04 (P) will provide up to 2 one-year grant award(s) in the amount no greater than \$60,000 each.



## **LETTER OF INTENT & ONLINE SUBMISSION**

Letters of intent (LOIs) must be submitted online via Altum's proposalCENTRAL by 5 p.m. EST on April 19, 2010. This submission represents a binding letter of intent. The title, abstract, aims, methods, or other aspects of the proposed research cannot be altered during submission of the full application. Responses to LOI submissions will be sent via proposalCENTRAL within two weeks of LOI submission.

Letters of intent must contain the following information:

- Full contact information (name, highest degree, title, full mailing address, phone number, fax number, and email address) for the applicant and co-PI(s), and the name(s) of institution(s) where the research will be conducted.
- Project title and dates of proposed project.
- Scientific abstract (250 words or less) containing the following components: nature of the proposed study, and brief commentary outlining the background and significance of the proposal to lupus research.
- Submit the letter of intent via your proposalCENTRAL account at <https://proposalcentral.altum.com/Login.asp>.



## **APPLICATION MATERIALS & ONLINE SUBMISSION**

Click here to visit the LFA National Research Program homepage:

<http://www.lupus.org/research>.

The Lupus Foundation of America, Inc. (LFA) utilizes an electronic grant submission process. All interested grant applicants must submit their full application packages through proposalCENTRAL: <https://proposalcentral.altum.com/Login.asp>.

Applicants are encouraged to register and complete a professional proposalCENTRAL profile as soon as possible. Applicants should ensure that their grants and contracts office has registered their institutional, financial, and signing officials with proposalCENTRAL.

A proposalCENTRAL helpline is available to answer questions from applicants, Monday through Friday, 8:30 a.m. – 5:30 p.m. EST. Customer support is available via phone at 1-800-875-2562 or by email at [pcsupport@altum.com](mailto:pcsupport@altum.com).



## **REQUIRED COMPONENTS OF GRANT APPLICATION**

- Complete online application packages (with all required attachments and supportive documentation) must be submitted by 5:00 P.M. EST on June 18, 2010 via Altum's proposalCENTRAL online system. Hard copies will not be accepted under any circumstances. However, in order for a submitted application to be considered complete, each applicant must mail a CD containing electronic copies of all required application documentation to the Research Program Manager by 5:00 P.M. EST on June 18, 2010.
- The online application must include the following components:
  - a) Cover letter (printed on institutional letterhead), including:
    - Name, date, address, and original signature of the applicant
    - Project title and dates of proposed project
    - Status of Institutional Animal Care and Use Committee (IACUC) and/or Institutional Review Board (IRB) approval
    - Statement that all proposed research will be conducted according to the rules and regulations of the U.S. Department of Health and Human Services.
  - b) Grant Application cover page, including:
    - Project title
    - The following must be provided for the applicant, as well as the institutional official and signing official: name, highest degree, title, email address, direct phone and fax numbers, and institutional street address
    - Dated original signatures from the applicant and institutional signing official
    - Dates of proposed project
    - IRB and/or IACUC approval date, as well as Human Subjects Assurance Number and/or Animal Welfare Assurance Number (If these are not available at the time of application submission, they will be required upon acceptance of the award and prior to disbursement of any funds to the sponsoring institution)
    - Institutional grant administrator's (if different from the institutional official and signing official) name, highest degree, title, email address, direct phone and fax numbers, and institutional street address

- c) Research proposal abstract and lay summary:
- Scientific abstract (250 words or less)
  - Lay summary of proposal for LFA's use in press releases (250 words or less)
- d) CV and NIH-formatted Biosketches from the applicant, co-PI(s), and any other research personnel that will have a major role in the design, execution, analysis, interpretation, or writing related to the proposed studies (these should include Positions and Honors, Peer-Reviewed Publications, as well as Current and Pending Research Support)
- e) A statement from the co-PI(s) indicating the nature, workings, and extent of collaborative interactions and research efforts to be implemented to accomplish the proposed research.
- f) A single-spaced proposal narrative (with one-inch margins, typed in 12-point Times New Roman font) of no more than eight pages (excluding the abstract and literature cited pages), including each of the following sections:
- Specific aims
  - Background
  - Significance to lupus research or treatment
  - Methods and experimental design
  - Preliminary results, if any
  - Literature cited (not included in 8-page limit)



## **SUBMISSION DEADLINE**

- Online application packages must be submitted in their entirety via proposalCENTRAL and must be accompanied by all required documentation, including a signed and dated cover letter from the applicant (printed on institutional letterhead; see cover letter requirements on p. 8), grant application cover page with dated original signatures from the applicant and institutional signing official, no later than 5:00 P.M. EST on June 18, 2010. No application materials will be accepted after this deadline. Only one proposal per applicant will be accepted.
- Notification of grant awards will be made in writing by September 6, 2010.



## **EVALUATION CRITERIA**

Each proposal will be reviewed by experts in the field according to the new 9-point NIH review.

Each proposal will receive an overall impact score (1-9) based on the current NIH grant review criteria, as determined by the reviewers' assessments of the following aspects of the proposal:

1. Significance
2. Investigators
3. Innovation
4. Approach
5. Environment

See this web page for more detailed information regarding the above categories:  
[http://grants.nih.gov/grants/peer\\_review\\_process.htm](http://grants.nih.gov/grants/peer_review_process.htm).



## **USE OF FUNDS & CONDITIONS OF AWARD**

1. Funds from this award must be utilized to support research-related activities of the awardee. Funds from this award cannot be used for any other reason, including indirect costs. Any unused funds shall be returned to LFA.
2. Applications will be accepted from tenure-track Principal Investigators possessing the rank of Assistant Professor (or equivalent) or above who directs a laboratory dedicated at least in part to the investigation of lupus at a U.S. academic, medical, or research institution. Applicants should not already possess a substantial grant award (e.g. RO1 or equivalent) to pursue the aims described in their lupus-specific research proposals.
3. Each Principal Investigator must assure LFA of his/her home institution and intended work location. LFA must be advised at the time of application of all moves, contemplated or real. The institution at which the proposed project will be completed must be given at the time of application. Projects may be moved during a funding period only when LFA is given advanced notice of a possible move.
4. An interim and final progress report (originally signed and dated by the applicant, but not the co-PI(s)) documenting the nature and outcomes of the research conducted must be submitted electronically to Dario Dieguez, Jr., Ph.D., LFA Research Program Manager ([dieguez@lupus.org](mailto:dieguez@lupus.org)) by the mid- and end-points of the grant award, respectively. A formatted progress report form will be provided to awardees simultaneously with award letters.
5. All publications (including peer-reviewed journal articles, abstracts, as well as national and/or local media coverage) resulting from research funded either wholly or partially by this grant award must acknowledge financial contributions from the Lupus Foundation of America, Inc. In addition, copies of such publications must be provided to the LFA within 30 days of final production. Moreover, all publicity and information disseminated by the home institution of the awardee or co-PI(s) about such research must acknowledge financial contributions from the Lupus Foundation of America, Inc.

6. Each applicant must indicate on his/her cover letter (printed on institutional letterhead, as well as originally signed and dated by the applicant) that all proposed research will be conducted according to the rules and regulations of the U.S. Department of Health and Human Services. Also, each applicant's institution must agree to hold the LFA harmless from any and all claims which may arise from research-related activities funded either wholly or partially by the Lupus Foundation of America, Inc.
7. Applicants proposing to conduct research on animals must provide the LFA with a letter (printed on institutional letterhead, as well as originally signed and dated by an appropriate university official) from the sponsoring institution's IACUC documenting current approval of the proposed research and its compliance with NIH guidelines for the care and use of animals in research. Applicants proposing to conduct research involving human subjects must provide the LFA with a letter (printed on institutional letterhead, as well as originally signed and dated by an appropriate university official) from the sponsoring institution's IRB documenting current approval of the proposed research and its compliance with NIH guidelines for the use of human subjects in research. IRB and/or IACUC approval are not required upon the date of application submission, but are required upon LFA's offer of the award. No award funds will be disbursed until written IRB and/or IACUC approval have been received by LFA.
8. Each award is for one-time use only and cannot be postponed, extended, modified, renewed, or transferred to another individual or institution. In addition, no additional funds will be provided beyond the amount stipulated in the award letter. Moreover, eligible applicants desiring LFA funds beyond the dollar amount or period of time stipulated in the award letter are encouraged to submit a new application in response to an LFA National Research Program funding opportunity announcement.
9. Each award payment will be provided, in the form of a check, to a designated institutional grant official authorized to receive, deposit, and appropriately manage funds from such a check at the sponsoring institution. Under no circumstances will a check be made payable or available to an applicant, co-PI, or other individual associated with the proposed research.
10. Any patentable discoveries resulting from research funded either wholly or partially by LFA must be reported to the LFA Research Program Manager as soon as any relevant decisions to pursue a patent are made. A patent application resulting from any such research-related activities cannot be made without the prior written consent of the LFA.