Limited Submission Funding Opportunity

National Institute of Allergy and Infectious Diseases (NIAID)

Asthma and Allergic Diseases Cooperative Research Centers (AADCRC) (U19)


FOA#: RFA-AI-15-032

The objective of this FOA is to support multidisciplinary and multi-project research on the immunopathophysiology of asthma, rhinitis (allergic and non-allergic), chronic rhinosinusitis, atopic dermatitis, food allergy, and drug allergy. The overall goal of the AADCRC program is to improve the understanding of the pathogenesis of these conditions and to provide a rational foundation for new, effective treatments and prevention strategies.

Highly integrated and synergistic research programs are encouraged for the AADCRC program. This includes multi-institutional applications for conditions of interest to this FOA, especially where research resources are limited (e.g. non-allergic rhinitis or drug allergy). Research programs could be organized around either:

- immunologic mechanisms/pathways that are hypothesized to be an important pathobiologic process in a condition of interest to this FOA or
- one or more clinical trials or clinical studies that test a novel therapeutic approach, mechanistic hypothesis or aim at elucidating disease phenotypes and endotypes in a condition of interest to this FOA.

NIAID programmatic priorities for this FOA are:

- The role of innate and adaptive immune functions in the development and pathogenesis of asthma and allergic diseases with focus on severe asthma, chronic rhinosinusitis, atopic dermatitis and drug allergy;
- The impact of the microbiome and pollution on immune responses as they pertain to the development, prevention and management of asthma, allergic rhinitis, food allergy and atopic dermatitis;
- The interaction between infections and atopy and the role of immune responses to infections in the development and exacerbations of asthma, allergic rhinitis, chronic rhinosinusitis and atopic dermatitis;
- Induction of and understanding of the mechanisms of desensitization and sustained tolerance for the treatment and prevention of asthma, allergic rhinitis, food allergy and drug allergy;
- Genetic variations and epigenetic alterations affecting host immune responses to aeroallergens, food allergens and drug allergens;
Clinical, immunologic and physiologic phenotyping and endotyping of drug allergy, atopic dermatitis, chronic rhinosinusitis and non-allergic rhinitis syndromes;

**LIMIT ON NUMBER OF PROPOSALS PER ORGANIZATION**
Only one application per institution is allowed.

**KEY DATES**
If you are interested in this funding opportunity, please send a one-page summary of the proposed research and your biosketch to Eric Boberg (e-boberg@northwestern.edu) by June 22, 2015.

The sponsor application due date is October 2, 2015.

**COLLABORATION OPPORTUNITIES**
The Office of Research Development offers assistance in identifying and facilitating collaborations, putting together interdisciplinary teams, programmatic and administrative development of large, cross-school proposals, and leveraging institutional resources for outreach and education. Contact Fruma Yehiely (yehiely@northwestern.edu), Associate Vice President for Research, Director of ORD, for more information.

**CONTACT AND ADDITIONAL INFORMATION**
Fruma Yehiely, Associate Vice President for Research, Director of ORD, 847-491-1074, yehiely@northwestern.edu
Limited Submissions web site: http://www.research.northwestern.edu/ord/funding/limited-submissions/