Recombinant NIE Antigen From Strongyloides stercoralis

Description of Technology:
Strongyloides stercoralis is an intestinal nematode endemic that affects an estimated 30 to 100 million people worldwide. Many of these individuals may be asymptomatic for decades. The present invention discloses a NIE recombinant antigen that can be used in improved assays and diagnostics for S. stercoralis infection. The NIE antigen is the only one that is non-cross-reactive with sera from humans with other related filaria infections. The NIE antigen can be utilized as a skin test antigen for immediate hypersensitivity as well as for use in ELISA or other assays.

Potential Commercial Applications:
Assays and diagnostics for S. stercoralis infection.

Competitive Advantages:
• Only non-cross-reactive Strongyloides antigen
• Use in a variety of formats

Development Stage:
• Prototype
• Pilot
• Pre-clinical
• In vitro data available
• In vivo data available (human).

Inventors:
Thomas B. Nutman, Ravi Varatharajulu, Franklin A. Neva (all of NIAID).

Publications:


Intellectual Property:


Licensing Contact: Kevin W. Chang, Ph.D.; 301–435–5018; changke@mail.nih.gov.

Dated: November 13, 2013.

Richard U. Rodriguez,
Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Center for Scientific Review; Amended Notice of Meeting

Notice is hereby given of a change in the meeting of the Synthetic and Biological Chemistry B Study Section, October 17, 2013, 08:00 a.m. to October 17, 2013, 08:00 p.m., Renaissance Washington DC, Dupont Circle, 1143 New Hampshire Avenue NW., Washington, DC 20037 which was published in the Federal Register on September 23, 2013, 78 FR 58323.

The meeting will be held at the National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892 on December 11, 2013, from 12:00 p.m. to 06:00 p.m. The meeting is closed to the public.

Dated: November 14, 2013.
Carolyn A. Baum,
Program Analyst, Office of Federal Advisory Committee Policy.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Center for Scientific Review; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the following meetings.

The meetings will be closed to the public in accordance with the provisions set forth in sections