

DEPARTMENT OF HEALTH AND HUMAN SERVICES**Indian Health Service****Indians Into Medicine Program**

AGENCY: Indian Health Service, HHS.

ACTION: Extension of deadlines and change in funds availability for competitive grant applications for the Indians Into Medicine Program.

The Notice of funding availability for competitive grants for the Indians Into Medicine Program was published at 66 FR 27665 on May 18, 2001, and corrected at 66 FR 30219 on June 5, 2001.

The Indian Health Service announces the extension of dates for the following:

1. Application Receipt Date: August 1, 2001.
2. Application Review: August 13, 2001.
3. Applicants Notified of Results (approved, approved unfunded, or disapproved): August 27, 2001.

It is anticipated that approximately \$220,100 will be available for one award. This is a change from the \$400,000 previously announced and published on May 18, 2001. The available funding level of \$220,100 is inclusive of both direct and indirect costs.

Applicants are notified in writing on or about August 27, 2001.

This extension provides applicants approximately five additional weeks to prepare and submit competitive applications.

All other information contained in the **Federal Register** announcements remains unchanged.

Dated: July 16, 2001.

Michel E. Lincoln,
Deputy Director.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES**National Institutes of Health****National Cancer Institute (NCI);
Development of Therapeutic
Antibodies and Vaccines From Tumor
Associated Antigens in Human
Lymphoma**

AGENCY: National Cancer Institute, National Institutes of Health, PHS, DHHS.

ACTION: Notice of an opportunity for Cooperative Research and Development Agreement (CRADA).

An opportunity for a Cooperative Research and Development Agreement (CRADA) is available for collaboration with the NCI intramural Center for Cancer Research (CCR) to develop therapeutic antibodies and vaccines from novel tumor associated antigens in human lymphoma. This collaboration specifically excludes idiosyncrasy as the lymphoma antigen. Collaborative projects will focus upon cancer and/or areas of high public health significance and high national and international priority.

SUMMARY: Pursuant to the Federal Technology Transfer Act of 1986 (FTTA, 15 U.S.C. 3710 as amended; and Executive Order 12591 of April 10, 1987, the National Cancer Institute (NCI) of the National Institutes of Health (NIH) of the Public Health Service (PHS) of the Department of Health and Human Services (DHHS) seeks one Cooperative Research and Development Agreement (CRADA) with a pharmaceutical or biotechnology company to develop therapeutic antibodies and vaccines from tumor associated antigens in human lymphoma. The CRADA would have an expected duration of one (1) to five (5) years. The goals of the CRADA include the rapid publication of research results and timely commercialization of products, and/or methods of treatment or prevention that may result from the research. The CRADA Collaborator will have an option to negotiate the terms of an exclusive or non-exclusive commercialization license to subject inventions arising under the CRADA and which are the subject of the CRADA Research Plan.

ADDRESSES: Proposals and questions about this CRADA opportunity may be addressed to Jeffrey W. Thomas, Ph.D., Technology Transfer Branch, National Cancer Institute, Fairview Center, Room 502, Frederick, MD 21701 (phone: 301-846-5465; fax: 301-846-6820; email: jeffreyt@mail.nih.gov). Scientific inquiries should be submitted to Larry W. Kwak, M.D., Ph.D., CCR, National Cancer Institute, Bldg. 567, Room 205, Frederick MD, 21702-1201 (phone: 301-846-1607; Fax: 301-846-6107; e-mail kwak@mail.ncicfcrf.gov).

EFFECTIVE DATE: Inquiries regarding CRADA proposals and scientific matters may be forwarded at any time. Confidential, preliminary CRADA proposals, preferably two pages or less, must be submitted to the NCI on or before August 22, 2001. Guidelines for preparing final CRADA proposals will be communicated shortly thereafter to all respondents with whom initial confidential discussions will have

established sufficient mutual interest. CRADA proposals may be accepted after the initial 30 day period if a CRADA Collaborator is not identified from the initial pool of respondents.

SUPPLEMENTARY INFORMATION:**Technology Available**

The intramural CCR NCI is seeking a collaborative partner to develop therapeutic antibodies and vaccines from novel tumor associated antigens (TAAs) in human lymphoma. Identification of novel TAA proteins differentially expressed in human lymphoma samples may be useful targets for the development of such therapeutic antibodies and vaccines. This collaboration specifically excludes idiosyncrasy as the lymphoma antigen. The CCR has experience with collection and characterization of primary human lymphomas, understanding of basic lymphoma immunobiology, and unique reagents generated from patients who have undergone immunotherapy. As part of the proposed collaboration, the CCR will utilize its expertise to collect and characterize human lymphoma samples prior to protein and genetic analysis. Also, clinical data from well-characterized vaccinated patients will be available for clinical correlation. CCR is seeking a collaborative partner with experience in proteomics to identify TAAs differentially expressed in lymphoma samples that may have potential as therapeutic or diagnostic targets. For example, the partner may have expertise in liquid chromatography and mass spectrometry to identify proteins differentially expressed in lymphomas, compared to normal B lymphocytes. Additionally, the use of gene expression techniques to confirm the proteomics results is envisioned. Genetic analysis of the identified TAAs will be essential in the development of effective immunotherapies; thus, the collaborative partner must have a strong background in genetic analysis to understand the effects of variations (e.g. polymorphisms) and to recognize genetic components that could be used to develop effect vaccines and therapeutic antibodies. Thus, the potential collaborator must be a leader in proteomics, bioinformatics and genomics and have a demonstrated interest, expertise, or ability in the development of cancer vaccines.

NCI and Collaborator Responsibilities

The role of the National Cancer Institute in this CRADA will include, but not be limited to:

1. Providing intellectual, scientific, and technical expertise and experience to the research project.