



Opportunities @ NIH The National Institutes of Health



**Department of Health and Human Services  
National Institutes of Health  
National Cancer Institute  
Postdoctoral Positions in Immune Defense and Transcriptional Regulation**

The Laboratory of Cellular and Molecular Biology in the intramural research program of the National Cancer Institute has several postdoctoral positions available for individuals who have obtained a Ph.D. and/or M.D. degree within the past 2 years. These individuals will join a research group that investigates 1) the regulation of RANTES expression in T lymphocytes and 2) the role of granulysin in immune defense. A strong background in molecular and/or cellular immunology is preferred. Excellent written and oral communication skills are essential.

Relevant publications describing recent work from the group include:

- Dynamic interplay of transcriptional machinery and chromatin regulates “late” expression of the chemokine RANTES in T lymphocytes *Mol Cell Biol.* 27(1):253-66 (2007)  
PMID: 17074812
- Granulysin-mediated tumor rejection in transgenic mice  
*J Immunol.* 178(1):77-84 (2007)  
PMID: 17182542

Applicants should submit their curriculum vitae, a brief description of research interests and experience, and contact information for three references to:

**Carol Clayberger, Ph.D., Laboratory of Cellular and Molecular Biology, National Cancer Institute, National Institutes of Health, 37 Convent Drive, Room 4016, MSC 4256, Bethesda, MD 20892, E-mail: Claybergerc@mail.nih.gov.**

Applications will be considered as they are received, but it is preferred that they be submitted by **October 1, 2007**.



**HUMAN GENETICIST  
Tenure-Track/Tenure Position**

The newly formed intramural Laboratory of Translational Genomics (LTG) in the Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI), National Institutes of Health (NIH), Department of Health and Human Services (DHHS), is recruiting two tenure-track/tenured investigators. The mission of the LTG is to investigate the genetic basis of strong association signals identified by candidate gene approaches, linkage analyses in high-risk families, or genome-wide association studies (GWAS), particularly loci identified by the ongoing Cancer Genetic Markers of Susceptibility (CGEMS) program involving GWAS of several major cancers. Investigators in the LTG are expected to develop an independent research portfolio in cancer genomics focused on (1) fine mapping and re-sequencing of loci relevant to cancer susceptibility and/or outcomes, (2) investigation into the causal gene variants that provide biological plausibility for each locus, and (3) bioinformatic analyses of publicly available datasets derived from germline annotation of genetic variation and somatic alterations in cancers. Each investigator is expected to leverage the NCI resources in molecular epidemiology, high-throughput genotyping and whole genome scans, biostatistics and bioinformatics, as well as in basic and clinical sciences. The incumbent will receive research support for developing a state-of-the-art genomics laboratory, and recruiting two post-doctoral fellows/bioinformaticians and a technician.

Applicants must have an M.D. and/or Ph.D. in a relevant field, extensive post-doctoral experience, and a record of publications demonstrating potential for creative independent research in human cancer genetics. Facility with bioinformatics databases and high dimensional data are highly desirable along with strong communication skills. Interested individuals should send a cover letter, curriculum vitae and a brief summary of research accomplishments and goals, along with copies of three to five publications or preprints, and three letters of reference to:

**Ms. Judy Schwadron, Division of Cancer Epidemiology and Genetics, National Cancer Institute, 6120 Executive Blvd. EPS/8073, Bethesda, MD 20892.**

Recommendations can be included with the package or sent directly by the recommender to Ms. Schwadron. Candidates should submit applications by **October 15, 2007**; at this time, the committee will begin to look at suitable candidates. However, the search will continue until qualified scientists are found. Additional information about staff and ongoing research in the NCI Division of Cancer Epidemiology and Genetics is available at <http://www.dceg.cancer.gov>. Please contact **Dr. Stephen Chanock (phone 301-435-7559 at chanocks@mail.nih.gov)** or **Dr. Peggy Tucker (phone 301-496-8031 at tuckerp@mail.nih.gov)** for questions about the position(s).



