

## GENOMICS OF HUMAN BLOOD GROUP GENES

CLINICAL CENTER, BETHESDA, MD AND SURROUNDING AREA

### POSITION DESCRIPTION:

A postdoctoral fellowship position is available in the laboratory of Dr. Bill Flegel, Section Chief in the Department of Transfusion Medicine at the NIH Clinical Center, NIH (<https://clinicalcenter.nih.gov/meet-our-doctors/wflegel.html>). The laboratory is located on the main NIH campus in Bethesda, Maryland, and focuses on blood group and HLA genotyping; relationship of genotype, phenotype and function of blood group proteins; stem cell surface antigens in vivo and during ex vivo expansion; and immunogenetics in hematopoietic stem cell transplantation. The ideal candidate should have a strong background and track record in molecular or cellular biology, including knowledge and hands on experience in molecular biology techniques, especially next generation sequencing, data analysis and bioinformatics.

The successful candidate will work on study design, study implementation, data analysis and drafting of manuscripts on projects related to next generation sequencing. We aim to understand the genomic structure of blood group genes in diverse human populations with inclusion of African Americans and underrepresented populations to address healthcare disparities.

### QUALIFICATIONS:

Candidates must have completed within the past five years or will soon complete a Ph.D. or M.D. with an emphasis in molecular biology, cell biology, cancer biology, human genetics, population genetics, or related areas. We seek self-motivated researchers with experience in genomics or molecular biology, a demonstrated ability to work in a multidisciplinary and diverse team, and an interest in health equity. Successful fellows will have a strong passion to conduct independent scientific research, must have good communication skills and be fluent in both spoken and written English. Experience with next generation sequencing and data analysis is required. Appointees could be resident aliens or non-resident aliens. This is a fulltime one-year initial appointment with year-to-year renewal (for up to a maximum total duration of five years) based on satisfactory performance and availability of funds. Salary is commensurate with education, knowledge, and years from graduation. Health insurance is provided for the applicant and immediate family. Fellows routinely participate in seminars and journal clubs and present research at conferences. Career development support will be available within the Center and fellows will have access to a wide array of training and career development opportunities offered by the NIH Intramural Research Program.

### TO APPLY:

Applications from women, minorities and persons with disabilities are strongly encouraged. Applicants should submit their curriculum vitae, complete bibliography, a brief description of research interests and names of three references to Dr. Willy A. Flegel, M.D. ([bill.flegel@nih.gov](mailto:bill.flegel@nih.gov)).

**Application Deadline:** Applications will be continuously reviewed until the position is filled.

*The NIH is dedicated to building a diverse community in its training and employment programs.*

