The Duke Human Vaccine Institute and the Center for HIV/AIDS Vaccine Immunology & Immunogen Design (CHAVI-ID), providing national and international leadership in the fight against major infectious diseases, is currently recruiting for a Postdoctoral Associate position. The Duke Human Vaccine Institute (DHVI) is an interdisciplinary, interdepartmental institute dedicated to the study of basic and translational science required to understand host-pathogen interactions that can be translated to vaccines against human diseases. DHVI comprises a team of highly interactive investigators that have expertise in mucosal and systemic virology, immunology, molecular biology, microbiology and animal models. We are seeking highly motivated recent PhD graduates for the following postdoctoral positions:

**Research Focus:** assessment of immune-based strategies for prevention of maternal and pediatric HIV/AIDS, as well as pediatric HIV cure. The selected candidate will be a team member of our laboratory which is using humoral and cellular immune assays to define the maternal and infant immune responses and virus reservoirs in both human clinical trials and nonhuman primate models. This position requires a Ph.D. in Molecular Biology, Microbiology, or Immunology. Experience in flow cytometry, virus isolation/cell culture, quantitative PCR, protein production, and immunoassays are desired. *(Please reference “SP-PD” in subject line of email)*

**Research Focus:** B cell repertoire analysis in immunology and B cell development, vaccine development and antibody R&D. The lab has developed high-throughput platforms for the screening of the human and non-human primate memory B cell repertoire, the isolation of monoclonal antibodies and their characterization. This position will be responsible for driving the isolation and characterization of HIV-1 antibodies elicited by an experimental vaccine in the non-human primate model by using our unique platform and leveraging the available expertise and infrastructure in the context of a large collaborative project. This position requires a Ph.D. in Molecular Biology, Microbiology, or Immunology (or an M.D.), cell culture experience with primary cells and/or cell lines, and solid sterile technique skills. Experience in flow cytometry, magnetic and fluorescence-activated cell sorting, PCR, RNA extraction, protein production, and immunoassays are preferred. Previous experience in using automated systems is desired. *(Please reference “MB-PD” in subject line of email)*

**Research Focus:** study HIV evolution by massive parallel characterization of individual HIV genomes. The position will be responsible for cloning HIV env genes and full length genomes, perform genetic analysis of HIV sequences, perform functional tests of HIV genes and neutralization assays, and determine HIV-1 replication kinetics. This position requires a Ph.D. in Virology, Microbiology, or Biochemistry. *(Please reference “FG-PD” in subject line of email)*

Candidates should send a cover letter and current CV to:

**Duke Human Vaccine Institute**
**Email:** dhvi.careers@notes.duke.edu
*(Please specify your interest by referencing “SP-PD”, “MB-PD”, or “FG-PD” in subject line of email)*

Duke University is an Affirmative Action/Equal Opportunity Employer committed to providing employee opportunity without regard to an individual’s age, color, disability, genetic information, gender, gender identity, national origin, race, religion, sexual orientation, or veteran status.