The laboratory of Ivelin Georgiev at Vanderbilt University Medical Center in Nashville TN is recruiting a talented and highly motivated post-doctoral investigator to join our NIH funded team. Our group utilizes both experimental and computational approaches in a variety of applications related to immunity with a particular focus on vaccine design and antibody responses, providing an excellent environment for interdisciplinary research training.

We employ cutting-edge technologies leveraging multi-omic approaches and machine learning to aid vaccine design and validate utilizing advanced immune humanized mice. The prospective post-doc will have the opportunity to work on one or more funded projects and the excellent resources for personal and professional development at Vanderbilt.

The ideal candidate will have prior experience in computational workflows (although not required), and HIV-related research experience is highly desirable. Candidates should be creative, curious, and capable of working independently.

Nashville is one of the most desirable places to live with lower cost of living and access to outstanding restaurants, entertainment, hiking, and other life outside the lab activities!

Job Description:
- Plan, direct, and conduct research experiments.
- Evaluate and analyze data.
- Summarize research findings, present data, and publish results.

Qualifications:
- Ph.D. in Basic Science, Immunology, Computational Biology, or a related field.

Preferred Qualifications:
- Expertise in vaccine and monoclonal antibody discovery and characterization.
- Familiarity with bioinformatics analysis of large datasets (single-cell, transcriptomics).

Exceptional candidates who are interested in joining our fast-paced collaborative environment should send a cover letter and a current CV to Ivelin Georgiev, ivelin.georgiev@vumc.org.