



**Duke University Job
Posting
Postdoctoral Associate**

Position Title: Postdoctoral Associate

Department: Duke University School of Medicine, Department of Medicine

Job Description: We are inviting applications from postdoctoral candidates who will be considered for an exciting new project just funded by NIH. The project will focus on dissecting the molecular basis of sickle cell disease nephropathy through the use of *in vivo* zebrafish models, including construction of stable and inducible transgenic lines, as well as transcriptomic analysis in those zebrafish lines.

The qualified postdoctoral candidate will be supported by a long-standing T32 postdoctoral training program in hematology. Through the T32 fellowship mechanism, there are several supplementary training opportunities including seminars, writing workshops and support for travel to scientific meetings. The position will be offered with a renewable one-year contract with the expectation of at least a two-year term.

The project will be conducted in the Duke Molecular Physiology Institute (DMPI) under the direction of Dr. Allison Ashley-Koch. DMPI offers a unique atmosphere that is focused on multi-omics profiling of human diseases with cutting-edge molecular genetic technologies in a state-of-the art Duke facility, located in Durham's Innovation District.

Position Requirements: Ideal candidates will have a recent PhD in the life sciences (less than 2 years of postdoctoral experience is strongly preferred), or who anticipate completion of their degree prior to starting the position. Previous experience in genetics; cell, molecular, or computational biology; botany; zoology or other directly related scientific fields are desirable. Applicants must be a US citizen, noncitizen national, or legal permanent resident of the U.S. Persons on temporary or student visas are not eligible, due to the specifications of the T32. Excellent organizational skills, self-motivation, and creativity are essential skills.

How to Apply: The positions will remain open until filled. Interested candidates may send their CV with list of publications in PDF format with a brief cover letter describing research accomplishments, future research goals and contact information for three professional references to Dr. Ashley-Koch at allison.ashleykoch@duke.edu.