

Postdoctoral Fellow (Olabisi Lab)

A funded opportunity for a postdoctoral scientist in molecular and cellular biology is available in the laboratory of Dr. Opeyemi Olabisi in Duke Molecular Physiology Institute and Nephrology Division at Duke University School of Medicine.

The Olabisi laboratory investigates the molecular mechanisms underlying APOL1 nephropathy. Polymorphisms in the *APOL1* gene contribute to 70% of nondiabetic kidney failure in African Americans. The mechanism of APOL1 nephropathy remains unknown. We study cellular and pathologic roles of pathogenic *APOL1* variants through CRISPR/Cas9-mediated functional genomics and human induced pluripotent stem cell (iPSC) disease modeling. The ultimate goal of these projects is to discover cures for APOL1 nephropathy.

The ideal candidate will have a PhD, MD, or MD/PhD in biomedical sciences, with a record of research productivity, strong background in, stem cell biology, cell culture techniques, gene-editing techniques and transcriptomic analysis. This position offers a great opportunity to learn and apply skills in CRISPR/Cas9-mediated genome editing, generation and differentiation of human iPSCs, signal transduction analysis, and molecular/cellular biology techniques. A strong background in one or more of these areas is preferred.

Postdoctoral fellow will work in a collegial and collaborative cutting edge research environment where career development is strongly emphasized.

Interested applicants should send CV, and the names/phone numbers of 2-3 people who could provide letters of reference to:

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