Laboratory Research Analyst II, Center for Human Disease Modeling, Duke University Medical Center

The Center for Human Disease Modeling, a part of Duke University Medical Center, occupies a prominent place of national and international leadership in the fight against inherited diseases. Our mission is to develop and implement biological assays to understand genetic variation discovered in patients by bridging genetics, genomics, cell biology, and clinical investigation. We focus our efforts in the following four major areas:

2. Synthesis with clinical investigation with basic experimental biology to facilitate molecular diagnosis and, when possible, treatment.
3. Generation of experimentally tractable models for entry points into mechanism of disease pathogenesis.
4. Generation of in vitro and in vivo assays that can model human disorders and are suitable for medium- and high throughout drug screening.

We are recruiting a Laboratory Research Analyst that will be responsible for providing aquaculture support in a zebrafish facility and a variety of technical duties in a research laboratory. This individual will be the point person in one of four Duke Z-Core zebrafish facilities and will work with husbandry staff to monitor embryo care, survival, and transition of tanks on/off nursery racks, maintain facility wild-type, transgenic and mutant stocks, and assist in managing new zebrafish lines. Additionally, the candidate will lead projects that employ the use of zebrafish as a model system utilizing techniques such as molecular cloning, DNA/RNA extraction, DNA sequencing, gene expression, zebrafish embryo manipulation, immunostaining and microscopy. This individual will document, analyze, interpret and summarize experimental results, as well as orient, supervise, and train staff in the operations of the zebrafish facility. The ideal candidate will have a Bachelor's degree in biology, zoology, biochemistry, or related field with a minimum of two to four years of relevant laboratory experience. Master's degree may substitute for experience. Candidates should apply to requisition #401388425 on the Duke employment website at http://hr.duke.edu and submit your CV (PDF, Word or video format), brief statement of interest, and contact information for three references to:

CHDM Human Resources chdmjobs@duke.edu Please reference requisition number in the subject line.

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