Johns Hopkins University
Job Description

Classified title: Research Technologist
Employee group (Full time/Part-time/Limited/Casual): Full Time
Employee subgroup (FLSA Status): Non Exempt
Position Type (New/Direct Replacement/Restructured Replacement): Restructured Replacement
Schedule (hours/days): 5 days a week, 8 hours daily
Location: 855 N. Wolfe Street Rangos Floor 2 Suite 250

Under the general supervision of a faculty investigator or laboratory supervisor is responsible for performing routine analyses and tests on animal or human fluids and/or tissue or cultured cell lines. Work requires basic use of scientific methods, procedures and techniques gained through previous training and experience. Uses basic understanding of theory behind experiments and applies basic analytical skills to implement assigned projects, and to identify and troubleshoot situations needing special attention.

Follows established procedures or protocols and utilizes aseptic technique to perform experiments. These may require basic tissue culture, small animal surgery, genotyping, and/or cell separation methods, and laboratory methods/techniques associated with protein, lipid or carbohydrate biochemistry or molecular biology such as: purifications; quantitative and qualitative analyses, and localizations; as well as other functional and enzymatic assays. May also perform recombinant DNA library construction; screening, isolation and mapping clones; oligonucleotide hybridization; plasmid subcloning, and/or screening DNA libraries. Operates basic laboratory equipment such as centrifuge, thermocycler, pH meter, analytical balance, scintillation counter, spectrophotometer, light microscope, and/or utilizes laminar flow hood. Operates lab computers for data entry. Follows established procedures or protocols to perform laboratory tests and/or experiments which may include: basic molecular biology manipulations for protein and DNA analysis, genetic manipulations in Drosophila, various tissue culture approaches, specialized histology and biological science techniques, cell culture and real-time imaging. Maintains primary cell lines through procedures which may include passaging, cryopreservation, transfection and/or cloning. Uses various software applications to assemble, manipulate and/or format data and/or test reports. Prepares solutions, reagents, and stains following standard laboratory formulas and procedures. Monitors inventory levels, orders materials and supplies in accordance with established policies and procedures, counts orders upon receipt. Familiarity with Drosophila genetic manipulations a plus, but not required.

Bachelor’s degree in biology, chemistry, or related field required. Some related post-undergraduate work experience preferred.

Interested applicants should email their CV/resume to Dr. Thomas Lloyd (tlloyd4@jhmi.edu).