Job Description

Job Title: Research Technologist 1  
Department: Ctr for Translational Metabolism and Health

Job ID: 34817  
Percent Full Time: 100

Location: Chicago Campus  
Grade: NEX 9

Job Summary:

Research Technologist 1 conducts tests and procedures; sets up and operates equipment; records observations and measurements and collects and compiles data in a research lab; requires a practical understanding of a limited number of standard scientific techniques. The successful applicant will join a lab which focuses on the mechanisms regulating the production of the hormone FGF23 by bone and how these mechanisms are involved in the progression of Chronic Kidney Disease. The applicant should possess good organizational and communication skills and a strong background in molecular biology, including experience in expression and analysis of nucleic acids.

Specific Responsibilities:

- Follows pre-defined protocols, policies, procedure, regulations, Good Clinical and Good Laboratory Practices and conducts standard and repetitive experiments and completes basic trouble-shooting techniques.
- Sets-up, operates and maintains standard lab equipment.
- Using an entry level of skill, completes the following activities
  - Molecular Biology
    - DNA, RNA, Protein isolation, purification and expression  Southern, Northern, Western blotting
    - PCR, RT-PCR
    - Plasmid preparation
    - Cloning, mapping and sequencing of DNA
    - Recombinant virus production and purification
  - Animal
    - Husbandry
    - Breeding and screening transgenic mice
    - Dissections
    - Blood collection
    - Surgical procedures
    - Database management of colony
- Records test results and may maintain databases.
- Completes standard and routine clerical duties such as copying, filing, data entry, word processing, etc.
Minimum Qualifications:

- HS diploma or equivalent and some basic science courses is required.

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