

BIOANALYTICAL CHEMIST
Research Technician II/Associate Scientist

Department: Research

Function: An advanced position to enhance professional development of scientist; often provides new scientific or managerial capabilities or expertise to the host laboratory. Help design and conduct a research program within the area of active research of Scientist; perform laboratory and investigative research work as directed by Staff Scientist or Principal Investigator with little or no supervision. May supervise other lab personnel.

Qualifications:

- Ph.D. or equivalent from an accredited institution preferred. Masters or Bachelor of Science Degree in related field such as biochemistry, biology, chemistry, genetics, microbiology; Plus 2-5 years relevant research experience at Research Technician I level including work with HPLC and NMR is also acceptable. Professional experience may be substituted, year-for-year, for formal academic degree.
- Experience with Mass Spec and NMR a plus.
- Research experience in the analysis of small molecules by HPLC, GC or LCMS and other spectroscopic techniques required.
- The successful candidate will possess excellent written and verbal communication skills.
- Additional requirements as specified by the host Senior or Staff Scientist.

Responsibilities:

1. Conduct active lab research on a semi-independent basis. Laboratory research experiments: Perform chemical, physical, or biological analyses on organic and inorganic materials of all forms and sources; keep records; participate in analysis; set up test procedures; photography in conjunction with experiments; basic mathematical and statistical analyses.
2. Routine preparatory work: Make solutions of reagents and chemicals; weigh and dilute drugs; dissect and prepare routine biological tissues; assist with and/or perform surgical procedures as applied to animals; set up laboratory apparatus and instruments; read and record instrument data; tabulate data; keep laboratory records; conduct literature searches and assist in determining most suitable methods to be used in research project, prepare progress reports.
3. Other related tasks: Performing minor maintenance and repair of laboratory apparatus and instruments; sterilizing and autoclaving glassware and solutions, assisting with library research and clerical work; washing glassware; perform chemical, supplies and equipment inventory, order laboratory equipment and supplies, stock laboratory areas as required; wash and clean laboratory areas and

- equipment; assist scientist and others in preparing laboratory equipment, apparatus, and chemicals; attend seminars and technical meetings; supervise, plan and review work of technical staff; help evaluate other technicians; schedule and monitor research with regard to quality of results and expenditures of funds.
4. Perform other related duties as assigned by the supervising Scientist.
 5. Depending on experience: May design and evaluate experiments; develop new ideas that promote current research; prepare and publish scientific manuscripts under direction of Scientist; apply for postdoctoral fellowships or grants under direction of Scientist; attend and give seminars; bring new expertise to the research program.
 6. Depending on experience: Establish new capabilities in the laboratory; teach research techniques to others; train and oversee technicians, students and/or fellows as determined by a Scientist; may be responsible for operation of specific equipment; serve on internal Institute committees; help further goals of Institute.

Terms of Employment: Full time position. Six months observation period, exempt position. Evaluation at six months, and annually at anniversary date.