



Position

Research Technologist – Precision Vaccine Program

Job Posting Description

BCH's Precision Vaccines Program provides robust career development opportunities, including multi-disciplinary mentorship, learning new technical skills, analysis and presentation of research results, research conference attendance, and opportunity to potentially contribute as a co-author on manuscripts and an inventor of biomedical discoveries.

The Research Technologist will be responsible for:

- Independently performs a wide range of routine and specialized laboratory tests, specimen preparation and highly skilled experimental procedures for research studies and diagnosis of disease. Utilizes specialized laboratory equipment and analysis of the data generated by this equipment.
- Performs routine and highly specialized or unique laboratory experiments for specific research projects, using sophisticated and intricate research equipment and techniques. Performs and devises specialized experiments and research procedures, troubleshooting problems with own and other researchers' results.
- Provides input to the overall research design to suggest techniques, maximize samples or refine data by the use of specialized techniques.
- Evaluates research data and initiates alternative approaches to improve quality of the results.
- Calculates, graphs and compiles data obtained, maintaining records and logs of work performed; perform statistical analyses.
- Undertakes quality assurance of research techniques.
- Calibrates, troubleshoots and performs repair of maintenance equipment.
- Evaluates and recommends new equipment and supplies needed for specialized procedures.
- Assists other lab personnel with the use of specialized equipment and techniques within the lab.
- Trains and provides guidance to technicians, residents and researchers in specialized procedures, use of equipment and theoretical bases of unique tests.
- Monitors the sterilization of glassware, media and reagent making and other laboratory processes.
- Prepares articles and papers on specialized techniques.

- Stays abreast in safety procedures, storage and disposal of biohazardous, infectious, corrosive, radioactive and toxic substance, regulations in the lab to adhere to new Hospital and federal mandates.

To qualify, you must have:

- A Bachelor's degree in STEM and 4 years of experience OR a Master's degree and 2 years of experience.

Additional positive attributes for a given candidate include:

- Experience and/or interest in human immunology, vaccinology and tissue engineering
- Attention to detail, robust lab notebook documentation, and ability to follow detailed protocols,
- Knowledge of aseptic cell culture and good laboratory practices
- Good interpersonal skills and a pro-active disposition

BCH offers competitive compensation and benefits, including a rotating days/evenings and week-end schedule, affordable health, vision and dental insurance, generous levels of time off, 403(b) Retirement Savings plan, Pension, Tuition Reimbursement, and discounted rates on T-passes (50% off).

Learn more about us:

- BCH Website: bit.ly/PrecVaccines
- Twitter: @PrecVaccines