INDIANA BIOSCIENCES RESEARCH INSTITUTE

Research Associate/Research Technician in IBRI Diabetes Center

Don't just research…**Discover**!

We are Indiana Biosciences Research Institute (IBRI). We deliver research that has a meaningful impact on the lives of people through new solutions that address diabetes, cardiometabolic diseases and poor nutrition. Working at the IBRI means being part of a team of renowned scientists who are helping to improve Hoosier health. It also means you are not alone. In addition to your experienced team members, you have collaborators from the Indiana life sciences ecosystem.

Our colleagues bring diverse ideas and experiences to our work, are dedicated to living out our mission every day and are passionate about their research. So passionate that it often carries out into the community through work with JDRF, volunteering at local nonprofit organizations and helping to educate the next generation of scientists.

The IBRI's vision is to build a world-class organization of researchers, engineers and business professionals that catalyze activities across the Indiana (and beyond) life sciences community. To achieve that vision, we look for curious and collaborative team members who are energized by innovation, guided by integrity and inspired by diversity.

The Opportunity:

A **Research Associate/Research Technician** opportunity is available at the IBRI Diabetes Center in the recently established laboratory of Dr. Andrew Templin. This lab aims to uncover novel mechanisms of diabetes pathogenesis related to islet immune responses and beta cell death, and ultimately, to use this information to develop new treatments for diabetes. The selected candidate will be part of a team that works with mouse models of islet inflammation, diabetes and obesity and will manage the mouse colony, run experiments and develop lines of research with support from Dr. Templin and colleagues. This work includes in vivo studies to assess the metabolic and morphologic changes that occur in the animal models under investigation, and in vitro studies examining novel beta cell death signaling pathways.

Responsibilities:

- Develop and conduct state-of-the-art scientific experiments, working independently and with supervision as projects require, including:
    - Management of the mouse colony
    - Genotyping
    - Immunohistochemistry
    - Metabolic testing of mouse models
- Accurately document research findings and assist in preparation of data for use in scientific publications and grant funding applications.

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- Work with the team to maintain the supplies, equipment, and institutional requirements for safety and lab operations.

Qualifications:

- BS or MA/MS in Cell Biology, Physiology, Biology, Biochemistry or related field is required.
- Experience working with mouse models of disease is required.
- Minimum of one (1) year of experience in a research lab (bench or animal work) is required.
- Meticulous attention to detail, ability to organize well and ability to prioritize and manage time are required.
- Quantitative skills, the ability to work efficiently, the ability to follow instructions and maintenance of a reliable and flexible work schedule are required.
- Must be hard working, highly motivated, well organized and able to work with minimal supervision in a small group setting.
- Must be a team player and be able to efficiently multi-task.
- Must be comfortable working independently in a laboratory setting.
- Experience with cell and molecular biology is preferred.
- Experience managing a mouse colony is preferred.

Compensation:

Competitive salary and comprehensive benefits offered, commensurate with experience.

Equal Employment Opportunity:

The IBRI provides equal employment opportunities to all employees and applicants and does not discriminate on the basis of age, race, color, religion, gender, sexual orientation, gender identity, gender expression, national origin, protected veteran status, disability or any other legally protected status.

Apply:

Please visit us at https://www.indianabiosciences.org/careers/ to learn more and/or apply for this opportunity. Interested individuals are encouraged to provide a brief letter stating their accomplishments and interest in the lab's research, curriculum vitae and a list of three references with their application.