

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 laboratory of Dr. Jonathan Flak. The research focus of the Flak Lab is to progress diabetes and obesity treatment by understanding the neural mechanisms that control energy expenditure and glucose homeostasis.

The selected candidate will participate in a team working with mouse models for diabetes and obesity, surgical techniques to target groups of cells in the brain, study of these mice following distinct treatments, and developing new molecular tools. A base understanding of neuroscience, metabolism and/or glucose homeostasis is preferred from the candidate. Molecular biology, western blot or mouse colony management experience would be a plus. The selected candidate will help run experiments, manage the mouse colony and develop lines of research, with support by Dr. Flak.

Responsibilities:

- Develop and conduct scientific experiments working with supervision and independently as projects develop including, but not limited to:
 - Management of the mouse colony
 - Genotyping
 - Immunohistochemistry
 - Animal (mouse) studies
- Accurately document research findings and assist in preparation of data for publication, presentations and grant funding applications.
- Work with the team to maintain the supplies, equipment and institutional requirements for safety and lab operations.

- Recover tissue from live animals and process samples for protein and mRNA analysis.
- The individual will be expected to work a full-time schedule, with some added night and weekend hours when necessary.

Qualifications:

- BS or MA/MS in Neuroscience, Physiology, Biology, Biochemistry or related field is required.
- Minimum two (2) years of employment experience in general biological laboratory work (bench and/or whole animal physiology) is required.
- Applicant must be hard working, highly motivated, organized and able to work with minimal supervision in small group setting.
- Must possess good team skills and be able to efficiently multi-task.
- Must be comfortable working independently in a laboratory setting.
- Meticulous attention to detail, organization skills and ability to prioritize and manage time are crucial skills for this position.
- Quantitative skills, the ability to work efficiently, the ability to follow instructions and the ability to maintain a reliable and flexible work schedule are required.
- Experience in neuroanatomy or whole animal physiology is a plus.
- Experience with molecular biology is a plus.
- Experience managing a mouse colony is a plus.

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 cover letter stating their motivation, accomplishments and interest in the lab's research, curriculum vitae and a list of three references with their application.