

Research Associate position at the 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 JDRC, 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** opportunity is available in the IBRI Diabetes Center at the Indiana Biosciences Research Institute. We are looking for a highly motivated laboratory assistant to join the IBRI in the iPSC Core Facility coordinated by Dr. Decio Eizirik. This Core aims to differentiate pancreatic beta cells and other cell types departing from iPSC cells. The selected candidate will participate in a team working with iPSC derived beta cells, functional studies and advanced molecular biology techniques. The selected candidate will take initiative in proposing and performing experiments, with support by Dr Eizirik and other colleagues in the iPSC Core.

Responsibilities:

- Maintenance, development and experiments with human iPSC-derived cells, including:
 - Transformation of skin fibroblasts or blood cells in iPSC.
 - Differentiation of iPSC into pancreatic beta cells and other cells to be defined.
 - Characterize gene and protein expression in iPSC and iPSC-derived cells at different stages of development
 - Implantation of iPSC-derived cells into immune-deficient mice and conduct required experiments
- Accurately document research findings

Qualifications:

- MA in Biology, Biochemistry or a related field is required
- Relevant experience in molecular biology is required
- Strong skills in cell culture is a plus
- Experience with iPSC models is a plus
- Experience with *in vivo* animal models is a plus

Compensation:

Competitive salary and comprehensive benefits offered, commensurate with experience.

Apply:

Please visit us at <https://www.indianabiosciences.org/careers/> to learn more and/or apply for this opportunity.