Laboratory Technician, Molecular Diagnostics

$50k – $70k

Location: University of Illinois at Urbana-Champaign

At Hypercell Technologies our vision is to revolutionize the way we manage infectious disease in animals. This is a big goal, and to get there we have developed two groundbreaking technologies:

1. A rapid point-of-care molecular diagnostic to assess the infectious status of animals
2. A monoclonal antibody therapeutic to protect animals against the most dangerous and economically costly infectious diseases

We’ve demonstrated the effectiveness of both technologies in clinical trials and are currently working with end customers to validate their product profiles.

We are a venture-backed, mission-driven company and are on a tremendous growth trajectory. As a lab technician, you will be a key contributor to our ability to get our life-saving technology to farmers and families around the globe.

You will primarily be in charge of conducting the assays and experiments necessary for the development of the molecular diagnostic, under the supervision of a Senior Scientist / Principal Investigator. You will be collaborating with the lab technicians and scientists from the world-renown College of Veterinary Medicine, Integrated Food Animal Management Systems and Institute of Genomic Biology at the University of Illinois.

Notice to candidates: We believe that a more diverse and inclusive team is critical to having a big impact and success. As part of our commitment to diversity and inclusion, we use blind screening for all applications.

What You’ll Do:

- Collaborate with the Senior Scientist / Principal Investigator to design and execute critical experiments for our molecular diagnostic
- Perform routine laboratory functions to conduct key experiments, including cell culturing, use of bioreactors, QPCR or equivalent, and gel electrophoresis for proteins and nucleic acids.
- Set up, calibrate and maintain laboratory equipment and apparatus such as pH meters, CO2 incubators and centrifuges
- Record and analyze data; write reports, reviews and summaries on the findings of experiments and trials to discuss with Hypercell’s leadership
- Collect and prepare samples, solutions, cultures and specimens; ensure proper storage and safe disposal of waste
Follow all laboratory, State and Federal safety regulations
Stay up to date with relevant scientific developments that can improve the efficiency of lab operations including equipment upgrades and literature supporting Hypercell efforts

As the Laboratory Technician, you should have:

- A Bachelor’s degree in molecular biology, biological sciences, microbiology, or a related field
- 2-4 years of experience working in a cell biology laboratory setting
- Experience in the operation and maintenance of technical laboratory equipment such as CO₂ incubators, bioreactors, QPCR, protein and nucleic acid electrophoresis equipment
- Highly organized, superb attention to detail and ability to complete tasks with the highest degree of accuracy
- A passion for science and the desire to learn and follow new scientific techniques
- Excellent written and oral communication skills
- Strong time management and interpersonal skills, ability to work independently and proactively

Like the rest of the Hypercell team, you'll be eligible for competitive benefits, including health, vision and dental insurance.

To Apply
Please send your resume and a short note to Bruno Jactel, CEO & Founder of Hypercell Technologies (bjactel@hypercelltech.com).