

Role Profile

External Role Title: Research Technician

Reports To: R&D Laboratory Manager

Position Location: Windsor, WI

Pay Grade:

Work Level:

Exemption Status: Non-Exempt

Summary:

Genus plc is a market leader in porcine, dairy, and beef genetics and is uniquely positioned as a global player with a dedicated, multi-species research and development function and an international distribution network. Food consumption is expected to rise by 60% in the next 20 years. Our challenge is to affordably and sustainably meet that escalating demand while global resources diminish. Our vision is clear: *Pioneering animal genetic improvement to help nourish the world.* We are seeking a motivated Research Technician to join the Biosystems Engineering Team in pioneering research to transform the global animal protein industry.

Overview:

As part of a multi-disciplinary team, the **Research Technician** will assist in developing flow cytometry and cell handling processes from concept through transfer of the validated protocols to a commercial product. The Research Technician will execute experiments centered around custom cell sexing cytometry technology, analyze data, and present summarized results.

Key Responsibilities:

- Work as a cohesive part of the research and development team to design, develop, and improve new technologies and biological techniques surrounding semen handling, sexing, and cryopreservation
- Conduct experiments following protocols and test plans provided or through own design
- Perform a variety of biological, engineering, and software testing in a timely manner both with groups and individually
- Set up, operate, troubleshoot, and monitor semi-automated cytometers used for sexing semen
- Effectively communicate experimental results in both informal and formal meetings
- Maintain accurate and specific experimental records and perform data analysis
- Promote and maintain clean, organized work areas, including cleaning and maintaining laboratory supplies
- Willingness to perform non-routine tasks as needed to ensure high team productivity
- Consistently contribute and communicate efficient and productive ways to improve lab tasks

Minimal Qualifications:



- Bachelor's degree in physical, life, or biological sciences OR associates degree in a science or technology related field with 2+ years of laboratory experience
- Ability to remain productive, organized, and flexible in a fluid and fast-paced environment
- Demonstrated experience as a self-starter and fast learner both independently and with a team
- Exceptional problem-solving skills and attention to detail

Preferred Qualifications:

- Background in cellular biology, molecular biology, biochemistry, biomedical engineering, biotechnology, or physiology
- Experience in cell-based assays, flow cytometry, DNA extraction, PCR, or microscopy

Physical Requirements:

- Ability to work at a laboratory bench for extended periods of time
- Ability to work with hazardous materials (e.g. chemicals, electrical equipment)
- Ability to use computers in an interactive manner for extended periods of time
- Ability to use standard laboratory protective equipment (e.g. goggles, lab coat, gloves)
- Ability to lift 50 lb. occasionally