



## Role Profile

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**Role Title: Research Scientist**

**Reports To: Biology R&D Manager**

**Position Location: Windsor, WI**

### **Company Background:**

Genus is a global FTSE 250 company, headquartered in the UK and listed on the London Stock Exchange. With revenues of around £500 million, Genus has a presence in over 70 countries, with a global workforce of approximately 3,200 employees. One of the best performing stocks on the London Stock Exchange, the Company's market capitalization is around £2 billion. It is a worldwide leader in porcine and bovine animal genetics, partnering with farmers to transform how we nourish the world – a mission that is important to a sustainable future.

Each generation of animals is selected based on a number of desired traits, including greater health, fertility, productivity or feed efficiency. With superior animal genetics, Genus helps its customers in the dairy, beef and porcine supply chains around the world produce offspring with improved robustness, superior production efficiency and greater sustainability. Genus's vision of *"pioneering animal genetic improvement to help nourish the world"* is supported by its core values to be customer-centric, results-driven, pioneering, people-focused and responsible.

### **Role Overview:**

At Genus R&D, we empower our colleagues and customers around the world to fulfill a mission crucial to the future of humankind: pioneer animal genetic improvement to help sustainably nourish the world. 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. We are seeking a motivated Scientist to join our Biosystems Engineering Team and lay the cellular level foundation to sustainably transform the global animal protein industry.

The Scientist will be a thought leader within the growing Biosystems Engineering Division, enjoying the challenges and immediate impact inherent in a "startup" atmosphere within the context of a long-standing biotechnology company. The scientist will leverage expertise to develop innovative cellular and molecular tools through evidence-based research. The successful candidate will be adept in multi-disciplinary collaborations and mentoring junior research associates. The candidate will drive projects to completion using data-driven methods, display profound attention to detail, apply creative solutions to solve complex problems, and demonstrate proficiency in the listed specific accountabilities. Join our team to make a global impact on one of the biggest challenges currently facing mankind.

### **Specific Accountabilities:**

- Understand the relationship between the cell and its environment using functional assays from the molecular and protein level through whole cell sperm physiology
- Develop and maintain expert-level knowledge in reproductive biology

- Design and execute research platforms to understand complex scientific concepts
- Develop experimental plans that can be carried out by oneself or others
- Maintain proficiency in state-of-the-art cellular and biochemical analysis techniques
- Work as a cohesive member of the research and development team
- Maintain accurate experimental and data analysis records, effectively communicate results
- Develop stakeholder alignment on project requirements and execute in compliance with project portfolio and data management pipelines
- Foster a scientific environment which challenges assumptions and strives for concrete answers
- Drive lab efficiency and productivity

**Qualifications and Experience:**

- PhD in cell biology or similar field, with 2-5 years post-graduate experience or an MS with > 6 years' experience
- Experience with the following is a plus: reproductive biology, fluorescence microscopy, quantitative protein biochemistry, lipid biochemistry, antibody design and characterization, flow cytometry, primary cell culture, microfluidic culture platforms, developmental biology

**Capabilities and behaviors:**

- Live and display the Genus values at all times in their day-to-day activities.
- Maintain professional verbal and written communications with co-workers, internal and external customers, and vendors at all times.
- Be flexible with respect to job responsibilities and consistently strive to be an effective team member.
- Strive to advance your skills and display a willingness to accept future development.
- Actively participate in company training opportunities to further develop skills applicable to the team.
- Gain an understanding of the company's business and the team's role within the company.