Role Profile

Role Title:	**Research Specialist**
Reports To:	**Trait Development Senior Scientist**
Position Location:	**DeForest, WI**
Exemption Status:	**Non-Exempt**

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.

Genus is an agricultural biotechnology pioneer. At the core of its accelerated rates of genetic improvement is a proprietary technology platform. Genus focuses its research and development through four routes, all of which may be applied across species, but currently the Company's focus remains on the bovine and porcine species:

- genomic selection (the analysis of the genome and selection of traits important to commercial producers for sustainable production);
- biosystems engineering (delivering genetics through technology solutions, such as our pioneering sexed semen technology);
- gene editing (precise editing of the genome, in which DNA can be deleted); and,

advanced reproductive technologies (embryology and related technology).

Overall Responsibilities:

This position reports to a Senior Scientist within the Trait Development team and will perform molecular and cell-based experiments directed towards the discovery of beneficial traits in dairy, beef, and porcine systems. The Research Specialist is expected to participate in a team that is collaborative, enthusiastic, and engaging. The candidate must be able to design and execute molecular biology and cellular assay experiments in a timely and accurate manner.

Specific Accountabilities:

- Execute high quality cellular and molecular biology experiments to meet established goals.

- Together with Trait Development Scientists, Research Specialist will summarize and interpret data, share results across Trait Development team, and design new experiments based on results.
- Control, maintain, and be accountable for research facilities, equipment, and other resources.
- Provide solutions to researchers within and across projects by identifying problems and opportunities impacting goals.
- Remain current on new technology by reviewing literature, participating in professional meetings and career development activities, and encouraging others to bring information into research activities.
- Maintain laboratory notebooks and record experiments in a timely fashion in accordance with laboratory notebook compliance guidelines.
- Contribute to scientific publications and conferences.
- Implement and monitor safe working practices while adhering to and promoting Genus core values.

Qualifications and Experience:

- Bachelor's or Master's degree in genetics, molecular biology, cellular biology, veterinary medicine or other relevant discipline, with either 3-5 or 1-3 years of experience after graduation, respectively.
- An understanding of livestock agriculture and diseases associated with dairy, beef, or porcine is preferred.
- Experience with DNA and RNA molecular biology (extraction and analysis, PCR, cloning and vector construction), and protein expression analysis (flow cytometry, protein purification, Western, ELISA).
- Demonstrated ability in mammalian cell culture, especially stem cell or primary cell culturing.
- Familiarity with cell-based assays.

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.