



## Role Profile

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**Role Title: R&D Commercial Liaison Embryologist**

**Reports To: Strategic Embryo Account Manager**

**Position Location: Sioux Falls, South Dakota**

### **Business Overview:**

ABS Global is the world-leading provider of bovine genetics, reproductive services, technologies and udder care products. Marketing in more than 70 countries around the globe, ABS has been at the forefront of animal genetics and technology since its founding in 1941. We are uniquely positioned as a global player with a dedicated research and development function and an international distribution network. We breed and distribute the genes of the world's best bulls, scientifically selecting livestock whose offspring is designed to increase the profitability of our customers who are some of the world's biggest farmers and food producers.

Our vision is clear: Pioneering animal genetic improvement to help nourish the world.

### **Role Overview:**

Under the direction of the Strategic Embryo Account Manager and the Director of Reproductive Biology, the Liaison will coordinate, manage, and lead implementation of new technologies from R&D into the commercial bovine IVF laboratories, in addition to participating in the operation of the commercial IVF lab. The Liaison will work closely with the Commercial Laboratory Managers as well as the R&D IVF Team lead and the Reproductive Biology Project Manager to ensure timely implementation of new technologies. The Liaison will be expected to spend some time in the Madison, WI R&D laboratories for training, approximately 5 weeks per year. This position will be expected to conduct training of commercial embryology teams in the use of newly developed technologies in the areas of media systems and protocol improvements, microfluidics, automation, and diagnostic assays, for example. The Liaison will also be expected to prepare reports of implementation for leadership.

### **Essential Duties and Responsibilities:**

- Coordination of daily routine lab procedures including but not limited to maturation of bovine oocytes, semen thawing and preparation, in vitro fertilization, in vitro culture of embryos, evaluation of embryo grade and stage, cryopreservation of bovine embryos, loading embryos in straws for embryo transfer, and media preparation.
- Receive training as appropriate in newly developed technologies from the Genus R&D IVF team.
- Confidently and competently train others in the use of new technologies.
- Plan and coordinate details, manage processes, and lead implementation of R&D inventions in the commercial IVF laboratories.
- Encourage and support communication between commercial IVF laboratories and R&D teams.
- Provide feedback on commercial use to R&D personnel.

- Assist with implementation of an embryo software solution.
- Champion R&D initiatives for commercial implementation, evaluating opportunities for optimized processes.
- Educate current commercial team(s) on the benefits and expected outcomes of R&D initiatives.
- Oversee the calibration and maintenance of key lab equipment such as incubators, autoclave, lab hoods, centrifuge, nitrogen tanks and microscopes.
- Execute analysis of results and trouble shooting
- Ability to work varied shifts including weekends and holidays depending on production demands.
- Exceptional follow-through consistently demonstrating ability to organize and prioritize work for timely completion.
- Report out results to the teams and to leadership regarding outcomes of implementation efforts.
- Acquire and apply new knowledge by reading the literature and attending professional meetings and seminars.
- Communicate clearly and regularly with other team members, Embryologists, Managers, Scientists, and Directors.
- Demonstration of an in depth of knowledge of SOPS, application of principles, concepts, production practices and standards.

#### **Requirements:**

- Minimum Bachelor's degree in Veterinary Medicine, Animal Science, Biology, Biomedicine, Cell and Molecular Biology, or related field required.
- Master's degree with a focus on reproductive physiology/ART strongly preferred.
- In-depth technical and scientific knowledge of IVF and embryology required.
- Two (2) years of professional experience working with oocytes and embryos preferred.
- Previous experience in collection of scientific data, statistical analysis, and generation of scientific reports including presentation is desired.
- Experience in and knowledge of commercial bovine IVF enterprise is desired.
- Collaborate with team members to identify knowledge gaps.
- Assist with the training of new employees and ensure compliance with standard operation procedures.

#### **Equal Employment Opportunities:**

Genus is an equal opportunity employer. In accordance with anti-discrimination law, it is the purpose of this policy to effectuate these principles and mandates. Genus prohibits discrimination and harassment of any type and affords equal employment opportunities to employees and applicants without regard to race, color, religion, sex, sexual orientation, gender identity or expression, pregnancy, age, national origin, disability status, genetic information, protected veteran status, or any other characteristic protected by law. Genus conforms to the spirit as well as to the letter of all applicable laws and regulations.