



## Position Description

### Director Microbial Molecular Biology – RNA Technology

#### Company:

RNAGri is dedicated to being the manufacturing cost leader in RNA. RNAGri's patented and patent-pending technology dramatically lowers the cost of producing RNA. Low cost RNA will make possible RNA for topical RNAi applications in broad acre agriculture.

#### Basic Function of this Role:

This role will involve microbial molecular biology with a focus on gram positive microbes with initial emphasis on *Corynebacterium glutamicum*. The primary focus will be to optimize current fermentation production processes to increase dsRNA (double strand RNA) yields. The successful applicant will design, plan and manage cloning, transformations and fermentations to produce RNA for use in RNAi applications in the agricultural industry. Projects will develop and test novel methods to produce RNA as well as maximize production while minimizing cost.

#### Major Responsibilities:

- Develop a gram-positive microbial based manufacturing platform for target dsRNA that is linked to a vision and strategy for being the low-cost leader for RNA production.
- Collaborate with the RNAGri team to accelerate optimization of production.
- Work within the RNAGri group and with external collaborators to design and implement experimental protocols based in the literature and current in-house methods.
- Devise and plan campaigns to develop and document new and improved methods.
- Help foster and sustain a culture that creates value and accelerates value creation through consultation and cooperation.
- Present data at internal team meetings and externally to potential technical partners.
- Maintain a system for regular documentation of ideas and results including keeping up-to-date lab notebook recordings documenting results and ideas for improvements.
- Take responsibility for planning budgeting and purchasing all necessary reagents supplies and equipment.
- Maintain mastery of relevant scientific literature.
- Leverage and cultivate agreed upon outreach programs with academic researchers in relevant scientific disciplines to ensure research is cutting-edge and create collaborations that advance the work.
- Exemplify the highest level of business and personal integrity at all times.

**Experience:** M.S., Ph.D. (depending on experience)

**Salary:** Commensurate with qualifications and experience

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