



## **Job Description: Microbiology/ Molecular biology technician**

MicroSintesis is a rapidly growing animal health science company focused on creating novel health solutions from the microbiome. By harnessing the natural defense mechanisms of probiotics, MicroSintesis is on the forefront of new bio-technologies that fight antibiotic resistant bacteria and reduce the virulence of pathogens.

We have harnessed specific probiotic metabolites that are part of the microbiome's own communication system. With them, we shift microbiome populations, reduce pathogenic bacteria virulence and strengthen the microbiome barrier so that the microbiome can heal itself. Since 2014, we have built a pipeline of next generation animal microbiome products that optimize health and maximize performance. We are now ready to launch those products internationally.

MicroSintesis is seeking a Microbiology/Molecular biology technician who will perform laboratory activities in microbiology and molecular biology including, but not limited to, bacterial cultures, including potential pathogens, fermentations, molecular biology procedures (RNA extraction, cDNA synthesis, PCR), reagent preparation, laboratory maintenance/monitoring, and perform related duties as assigned. This is a full-time permanent position in Victoria PEI.

### **In this position, you will:**

- Execute microbiology technics (CFU plating, streaking, subcloning) and bench top fermentations.
- Preparation of media and solutions for fermentation
- Perform laboratory procedures following protocols in molecular biology and biochemistry.
- Monitor or operate specialized laboratory and fermentation equipment.
- Maintain accurate laboratory records and data.
- Follows SOPs and contributes to quality assurance.
- Good sterile technic and capacity to work in BSL2 environment.
- Compile and analyze experimental data and produce reports.

### **Requirements**

- MSc in a biological science field, such as biology, microbiology, or biotechnology.
- 2 years of microbiology/molecular biology laboratory experience
- Detail Oriented
- Strong oral and written communication skills
- Problem-solving skills
- Able to work well in a team and to manage your own workload.

### **Company Philosophy**

MicroSintesis is a rapidly growing organization in the live science and health field. Our ability to succeed depends on the integrity, knowledge, ingenuity, and hard work of each of our team members. We strive to create an environment of mutual respect in which members have the freedom to operate and make decisions independently. As part of our team, you will have the opportunity to collaborate with talented and dedicated colleagues who are all committed to the dynamic culture of a biotech start-up.

MicroSintesis is an equal opportunity employer. We believe our strength comes from our cultural, ethnic and gender diverse teams. MicroSintesis offers a competitive salary and benefits package. To apply, please send a CV and Cover Letter to [info@microsintesis.com](mailto:info@microsintesis.com) with the subject line "Microbiology / Molecular Biology Technician". Only candidates selected for an interview will be contacted.