



Job Description: Microbiology and Molecular Biology Technician

Employment: Full-time Contract

Company Overview

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 microbial 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 expanding its PEI based research team. We are seeking a Microbiology and Molecular Biology Technician who will be involved in performing molecular and cell-based assays.

More specifically:

- Prepare components, media buffers, and other solutions as needed
- Culture bacteria for gene expression (RNA extraction, cDNA preparation and qPCR)
- Extract DNA from environmental samples
- Follow experimental protocols and accurately document experimental data
- Setting up experiments and performing biological assays

Job Requirements:

- B.Sc. in biology, biochemistry or related field
- Must have completed a second year level molecular biology course
- Must have completed a second year level microbiology course
- Culturing aerobic and anaerobic bacteria
- Previous laboratory experience would be an asset, specifically RNA extraction and qPCR analysis
- Excellent interpersonal skills, including clear, succinct and timely communication
- Willingness to work as part of a team
- High Level of personal and professional integrity

Wages: Competitive

How to apply: Please send your CV and a cover letter to jroepke@microsintesis.com and quote "Microbiology and Molecular Biology Technician" in the subject line. Only qualified applicants will be contacted for personal interviews.

MicroSintesis is an equal opportunity employer and all qualified applicants are encouraged to apply.