

Job Description: Research Scientist microbiology

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 quorum sensing inhibition molecules 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 Research Scientist in Microbiology that will provide expertise to a team responsible for developing and optimizing fermentation processes to support the pipeline development and production of microbiome health and drug products. This full-time permanent position is located in Victoria PEI and is an integral part of the Research and fermentation team. The candidate will report to the R&D Director.

As a Senior Research Scientist, you will:

- Devise new fermentation mediums and processes, or refine existing ones, to optimise the fermentation of several aerobic or anaerobic bacteria.
- Isolate and characterize target microbes and contaminants.
- Develop and maintain the bacterial cell bank.
- Develop and perform microbiological methods for in-process and development of products.
- Report and share data and provide regular updates.
- Work with product pipelines at various stages of development
- Read and write Standard operating procedures, technical reports, and specifications, maintaining appropriate records.
- Supervise and train technical team on microbiological methods.
- Maintain good laboratory records using electronic laboratory notebook.
- Ensure compliance with good laboratory practices and safety standard.

Requirements

- Proven track record in applied microbiology research.
- 3-5 years relevant experience in probiotic/pharmaceutical/biotechnology research, bioprocess development essential
- Bacterial fermentation experience preferred.
- Excellent organizational skills.
- Strong team player.

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.

To Apply:

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 to info@microsintesis.com with the subject line "Research Scientist - Microbiology". Only candidates selected for an interview will be contacted.