

FULL-TIME POSITION

OVERVIEW

We are currently seeking an experienced scientist with a strong background in Plant Biology to join our Plant Pathology group as part of our innovative Research & Development team. The ideal candidate will have previous experience developing and evaluating plant disease models, as well as experience conducting experiments and generating leads for the purpose of product development.

This position will report to our Senior Scientist – Plant Pathology and work closely with other members of our R&D team, including scientists, engineers, greenhouse staff and co-op students. If you're passionate about science and agriculture, as well as committed to supporting our goal of reducing the use of toxic chemicals, we strongly encourage you to apply.

YOUR MISSION

To conduct *in vitro* and *in planta* evaluations of fungal disease compounds to generate leads for the purposes of developing products for agricultural applications. This position supports the development and execution of bioassays to test bioactive compounds against fungal diseases, as well as oversees a variety of plants in controlled growing environments.

ACCOUNTABILITIES

- Develop methods for testing a broad range of potential fungicidal molecules/formulations, both *in vitro* and *in vivo*, against several fungal diseases;
- Maintain multiple fungal cultures to support bioassay testing needs and ensure the health and stability of fungal cultures;
- Collaborate with greenhouse staff to grow plants for bio-efficacy evaluation and phytotoxicity assessment and ensure there are no cross-contaminations of controlled environment spaces with diseases;
- Conduct lab and greenhouse/growth chamber experiments both independently and collaboratively as a team;
- Generate summaries and reports, communicating progress to internal and external stakeholders;
- Work and communicate effectively with multidisciplinary teams in the R&D group;
- Support the training, mentoring and supervision of co-op students;
- Document data in lab notebooks and summarize results in study reports; and
- Present and discuss results at team meetings.

REQUIREMENTS

- BSc in Biology with a specialization in Plant Biology. MSc preferred;
- Previous experience in developing and evaluating plant disease models;
- Previous experience working in a greenhouse;
- Comfortable working with plants, soil and using microscopes; and
- Familiar with biology lab operations, including growing of plants, experimental design and setup, as well as collection of data.

QUALITIES WE'RE LOOKING FOR

- Stays open minded and open to new ideas;
- Hard-working and dedicated to great work while bring incredibly efficient;

- Takes every opportunity to improve on knowledge, always up for an intellectual challenge and can see things from many perspectives;
- Strong interpersonal, communication and decision-making skills;
- Enthusiastic and keen scientist with a strong willingness to learn;
- Excellent hands on skills;
- Excellent written and verbal communication;
- Aptitude for multidisciplinary research; and
- Flexibility to work in accordance with the needs of experiments being performed.

LOCATION

- Vancouver, BC

WHO WE ARE

Terramera is a global leader in Technology for Clean Food with a mission to increase global yields while decreasing synthetic chemical loads, so we can grow affordable, clean food for everyone. We are committed to cultivating safe, healthy homes and environments, and developing highly effective natural products for consumers and farmers. Terramera uses technology to unlock the power in nature, so we can live healthier, make clean food affordable and feed the world.

WHY US?

Our goals are big, hairy and audacious. We're striving to reduce the use of toxic chemical pesticides by 80%, help increase global food production by 20% and positively impact a billion people by 2028. Our Actigate™ Targeted Performance Technology makes organic inputs up to 10 times more effective by enabling farmers to reduce the use of pesticides by 90%; increasing crop quality and marketable yields by 70%; and significantly reducing the risk of crop loss or damage, allowing for organic parity to synthetic pesticides.

Terramera is committed to a diverse workforce and we are an equal opportunity employer.

Our success begins with our people. We're looking for A-Players who are passionate about making a difference as we are and thrive in environments that are dynamic, challenging and rewarding. Join our movement, as we set a new standard and change the world together as a highly dedicated, innovative, future-focused and solutions-oriented team.

While we thank all applicants for their interest, only short-listed candidates will be contacted. For more information on Terramera, please visit our website at www.terramera.com

APPLICATION DEADLINE

- May 24, 2019