

FULL-TIME POSITION

OVERVIEW

We are seeking an experienced HTS Manager to lead Terramera's in-vitro and in-planta screening programs for the evaluation of a wide range of materials. HTS represents a core activity in the company's technology discovery process and is connected to automated data acquisition and processing systems, playing a key role in intellectual property enablement and product commercialization. Should you have proven first-hand experience in HTS and documentation, as well as previous experience in a leadership role, we strongly encourage you to apply!

YOUR MISSION

To ensure continuous high-quality data generation and extension of the range of available screening assays in collaboration with our scientists in plant pathology, physiology, entomology and nematology, as well as our greenhouse team running our automated growth facility. To also lead a team of junior scientists and work closely with our Engineers and Data Scientists in integrating the automated data acquisition and processing systems.

RESPONSIBILITIES

- Develop, execute and optimize an efficient high-throughput screening process for in-vitro and in-planta screening;
- Mentor and supervise junior scientists in their day-to-day execution of screening activities;
- Demonstrate leadership to drive results that are needed to achieve company objectives in accordance with Terramera's core values;
- Design, develop and implement new screening assays and standard operating protocols;
- Ensure that targets in screening throughput and data quality are met; and
- Communicate and collaborate effectively with interfacing scientists and engineers on interdisciplinary activities.

REQUIREMENTS

- MSc. or PhD in a biological science;
- Proven first-hand experience in high-throughput screening and documentation, as well as analysis of large data sets;
- Proficiency in resourcing high-throughput operation with required consumables and equipment;
- Working knowledge of microbiological and insect assays, as well as plant biology;
- Experience in high content imaging and automation;
- Management experience in a team-oriented workplace; and
- Experience in interdisciplinary communication and working in a start-up environment.

QUALITIES WE'RE LOOKING FOR

- Outstanding interpersonal relationship building, employee coaching and development skills;
- Ability to problem solve effectively and work in a dynamic environment;
- Excellent communicator and team builder;
- Proactive and flexible leadership style drive by vision, passion and persistence; and
- Positive “can do” attitude and confidence to overcome obstacles.

LOCATION

- Vancouver, BC

WHO WE ARE

Terramera is an award-winning Vancouver, Canada-based sustainable agriculture cleantech company using chemistry, machine learning and AI technologies to develop and optimize safer, more effective plant-based replacements to toxic chemical pesticides and synthetic fertilizers.

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 2027. Our unique and proprietary technologies enable us to increase the efficacy of active ingredients such as neem oil by delivering them into target cells, which results in revolutionary, high-performance plant-based products for conventional and organic agriculture use.

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.

HOW TO APPLY

Please visit www.terramera.com/careers to apply.

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

- Applications will be accepted on a rolling basis.