

Research Assistant II/ Research Associate - Plant Biology



Summary

Location: Alameda, CA

Chi Botanic has an exciting opportunity for a Research Assistant II/Research Associate. In this role you will support the scaleup and production of plant cell cultures through the preparation of cultures, materials, and equipment for plant cell fermentations. You will initiate, run, monitor, and harvest plant cell fermentation experiments. Additionally our Research Assistant will participate in activities to keep the laboratory organized and running efficiently. We are looking for a Research Assistant who is skilled in sterile technique, thoughtful, meticulous, well-organized, collaborative, enthusiastic, and fully committed to assisting in the execution of any and all workflows assigned.

Typical Duties

- Weekly setup, running, harvesting, and tear down of plant cell culture fermenters
- Prepare equipment, media, and materials
- Aseptically passage, transfer, and inoculate plant cell cultures
- Daily monitoring and assessment of fermentations
- Harvest and process biomass
- Operate freeze drier
- Coordinate analytical analysis of samples with vendors
- Organizing and maintaining inventory of glassware and sterile supplies throughout the lab
- Washing and autoclaving of glassware and labware
- Communicate effectively between team, vendors, and customers
- Work collaboratively with team members

Qualifications/Experience

We prefer candidates with a Bachelor's degree in plant biology, microbiology, biology, chemistry, engineering, or other quantitative disciplines with greater than 2 years of relevant experience working in manufacturing or laboratory environments.

- Experience with sterile technique and cell culture
- Experience with in vitro plant tissue culture, plant cell or algal culture is a plus
- Experience with aerobic fermentation processes and cell culture scaleup (>1 l) is a plus
- Understanding of common lab equipment including autoclaves, sterile hoods, freeze dryer, pH meter, etc.
- Competency to read and follow Standard Operating Procedures
- Strong attention to detail
- Have an understanding of experimental design
- Ability to prioritize tasks, fulfill requests, and execute tasks in a timely manner
- Ability to adapt to daily workflow changes

Job Type: Full-time

Benefits:

- Matched Retirement Program
- Dental, health, and vision insurance
- 20 days PTO
- Flexible schedule
- Maternity and paternity leave

Pay: \$60,000.00 - \$72,150.00 per year

Founded in 2017 and based in the San Francisco Bay Area, Chi Botanic is a plant cellular agriculture company that revolutionizes how natural products are made through the development of customized plant stem cell cultures. Our technology allows us to deliver plant products at a higher quality more sustainably for a variety of industries. For more information visit www.chibotanic.com