



Plant Cell Culture Development Scientist

Ayana Bio

Ayana Bio leverages plant cell biotechnology to produce bioactive ingredients that support health and wellness. Ayana Bio collaborates with global industry leaders in food & beverages, consumer-packaged goods, brands, supplements, specialized nutrition, animal care, and cosmetics to bring standardized plant and fungal bioactives to market. We provide consumers with confidence in quality and reliability. Ayana Bio has partnered with Ginkgo Bioworks, a synthetic biology platform company that is redesigning the living world to solve some of the globe's growing challenges in health, energy, food, material, and more. Ayana Bio is backed by Viking Global Investors and Cascade Investment to democratize nature's bioactives in a way that is standardized, safe, and sustainably sourced. For more information, visit: [Ayana Bio Launch Press Release](#), and visit us at: www.ayanabio.com.

General Role Description

This role is an integral part of the early team at Ayana Bio. We are looking for candidates who are driven to help shape Ayana Bio's technology and excited to support our mission of democratizing standardized and safe complementary medicine for consumer health and wellness.

You will focus on developing technologies to reproduce bioactives with targeted health functions. You will ensure timely launch of Ayana Bio's technology. This role requires a versatile skill set, including strong capabilities in technical project management, analysis, and communication. To thrive in this role, the candidate should be a self-motivated problem solver who relishes the opportunity to create something new and impactful. This position is located in Boston, MA.

Responsibilities

- Establish and manage plant cell cultures and plant cell suspension cultures
- Partner with Ayana Bio's Technology and Product leadership teams in all stages of technology and product development to conceptualize, build, validate, formulate, and bring Ayana Bio's platforms to market within timeline and budget considerations
- Support other areas within Ayana Bio such as process chemistry and engineering, intellectual property, strategy, regulatory, safety, product development, pilot scale manufacturing, and partnership development
- Travel as necessary

Desired Experience and Capabilities

The successful applicant will have:

- A good working knowledge of plant cell culture and plant suspension culture technology (i.e., have established and maintained plant lines)
- Experience working with plant tissues (i.e., have established *in vitro* lines under aseptic conditions)



- Strong working knowledge of chromatography-based analytical techniques (e.g., have run HPLC, LC-MS, or GC-MS based methods)
- Excellent written and verbal communication and an ability to work across organizational boundaries (e.g., keep lab notebooks up to-date)
- Excellent data management and organizational skills (i.e., can stay organized and on top of key details that support plant cell line development and analysis)
- An interest in learning new topics quickly
- The ability to prioritize and pivot in a fast-paced environment
- Startup experience (preferred)

We also feel that it's important to state the obvious here: Our industry lacks diversity, and that needs to change. Our goal is to help drive that change. Ayana Bio is deeply committed to diversity, equity, and inclusion in all its practices, especially when it comes to growing our team. Our culture promotes inclusion and relishes the opportunity to work with people from all walks of life.

In addition, we are developing a powerful biological engineering platform and must remain mindful of the many ways our technology can – and will – impact people around the world. We care about how our platform is used. Having a diverse team to build our platform gives us the best chance to create something we'll be proud of as it continues to grow. It is critical that we incorporate diverse voices and visions to create a more equitable future of biology.

It is the policy of Ayana Bio to provide equal employment opportunities to all employees and employment applicants.

Applying for This Position

Please send your CV to careers@ayanabio.com. Write "Plant Cell Culture Development" in the subject line. You will receive an application form to fill out if you are selected for an interview.

Thank you!