Company: Kula Bio

Location: Natick, MA

Position title: Plant Biology Research Associate

Schedule: Full Time

Employee status: Regular

Organization:

Kula Bio is a leader in sustainable nitrogen solutions, helping farmers improve crop yield and reduce environmental impact. We make a cost-competitive biofertilizer that boosts a naturally occurring process to deposit meaningful amounts of nitrogen in the soil. We are looking for a highly motivated professional with a background in plant science to join our R&D team at Kula Bio. The person will be working closely with an interdisciplinary team under the guidance of the Director of Plant-Soil-Microbe Interactions to develop and implement crop physiology and plant-soil-microbe interaction techniques and concepts.

Job Description:

We are currently seeking to hire an early-career plant biologist with 1 to 3 years of relevant experience in academia or industry to perform exploratory in planta assays for discovery and product development studies involving agricultural biologicals. Fresh graduates with hands-on experience in experimental research will also be considered and are encouraged to apply. The successful applicant will have experience running rigorous and methodical plant studies in the controlled environment, and familiarity with statistical fundamentals as well as basic aseptic, biochemistry and microbiological techniques. Prior experience with agricultural crops, plant-microbe interactions and/or soil microbes will be beneficial in this role. Additional tasks will include assay development to characterize plant growth promotion to understand mode of action-based projects.

Experience in the following areas needed:

- Crop science and/or physiology

- Organizing and conducting experiments with meticulous record keeping
- Ability to work independently in a collaborative, fast-paced environment
- Interest in sustainable agriculture, environment, and soil microbiology

Minimum requirements

- B.S. in Plant Biology/Plant Science/Plant Physiology/Plant Pathology/Plant Biotechnology/ Botany/Agriculture Science or related discipline
- Skilled and demonstrable success in designing, implementing, and analyzing fundamental plant biology experiments in growth chamber and/or greenhouse-controlled environments preferred
- Experience with small plot field trials is a plus
- Familiarity with growth stages of crops and a working knowledge of plant nutrients
- Proficient in performing basic dilutions, and working with biochemical reagents and solutions
- Demonstrates curiosity, strong logic, and tactical problem-solving skills
- Ability to collaborate to implement new technologies
- Strong attention to detail
- Motivated to develop new skills and build a successful scientific career
- Strong interest in working at the bench
- Excellent communication skills and ability to work in a shared laboratory setting and be flexible to assist others in the team as needed
- Demonstrates a proactive attitude towards site safety and promote safety practices/principles among peers
- Must be willing to work on an adjusted/flexible schedule to support research needs
- Must be willing to work on weekends and holidays, when necessary
- Authorized to work in U.S

Kula Bio has implemented a mandatory COVID-19 vaccination requirement for all employees. This will be a condition of employment.

At Kula Bio, we work and live by our shared values of Innovation, Intellectual Honesty, Balance and Integrity. Our values are guiding principles to developing best in class biological products and enable farmers a cost-effective technology. For more details, please visit our company site www.kulabio.com.

If you are interested in this job, please email your resume and cover letter to admin@kulabio.com.