



Company: Kula Bio

Location: Natick, MA

Position title: Microbiology 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 passionate and highly motivated professional to join our R&D team at Kula Bio. The person will be working closely with an interdisciplinary team across a matrix organization to develop and implement microbiology and molecular biology techniques and concepts.

Job Description:

We are currently seeking to hire a microbiologist with 2 to 5 years of relevant experience to perform qualitative and quantitative microbiology assays and utilize molecular biology techniques for product development studies involving agricultural biologicals. The successful applicant will perform microbiology and molecular experimental lab work and data analysis to characterize microorganisms that improve crop growth and aid their identification by molecular methods. Additional tasks will include in vitro characterization of microbial properties, such as spectrum of activity and mechanism of action as well as exploring their genetics and genomics.

Experience in the following areas needed:

- Bacterial culture and aseptic technique
- 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. or M.S. in Microbiology/Molecular Biology or related sciences plus 2-5 years of academic or industry experience
- Highly skilled and demonstrable success in designing, implementing and analyzing fundamental molecular biology experiments including nucleic acid extraction and quantitation, gel electrophoresis, PCR, and qPCR. Working familiarity with CRISPR and/or other genome editing techniques is nice to have
- Demonstrates strong logic and tactical problem-solving skills
- Ability to collaborate to implement new technologies
- Strong attention to detail
- Strong interest in working at the bench
- Expertise in microscopy
- 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
- 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.