



About Us: Kula Bio champions sustainable, biological solutions for modern agriculture. We super-charge natural nitrogen-fixing microbes with renewable energy in order to deliver reliable, low-cost organic biofertilizers. By rewiring the energy flow from sun to soil, we're

tackling the wholesale replacement of synthetic nitrogen fertilizers and eliminating the division between affordable practices, and better stewardship of our land, sea and air. www.kulabio.com

We seek interdisciplinary scientists and engineers across agronomy, soil science, microbiology, bioengineering, chemical engineering, electrochemistry and beyond. As an early-stage startup, team members must share our vision for revolutionary new approaches to agriculture, and share our excitement for building new enterprises from the ground up. We believe such an interdisciplinary team requires equally diverse backgrounds, experiences, and perspectives.

To apply, please send a 1) Cover letter and 2) CV to careers@kulabio.com indicating the position in the subject.

Job Title: Research Associate - Microbiology Team

Job Location: Somerville, MA

Job Description: This team member will optimize Kula Bio's first microbial product for nitrogen-fixation. They will also explore and characterize our current microbe portfolio, and develop selection-screen platforms to discover new agriculturally-relevant microbes.

Key Responsibilities:

- Develop directed evolution, or non-genetic engineering pipeline to increase cell density, growth rate and intracellular product titer
- Develop strain portfolio evaluation and expansion pipeline
- Work collaboratively with Reactor Technology and Agronomy teams to iteratively inform microbial strain design, reactor design, and application practices
- Consult on field trials and on-site/on-farm operations
- Participate in strategic planning
- Assist in IP strategy development

Required Skills and Experience:

- B.S./B.A. in Microbiology, Bioengineering, other biological science or equivalent industrial experience
- 3+ years relevant laboratory experience
- Experience in basic sterile microbiology techniques
- Experience with scale-up and industrialization of microbial processes
- Experience in high-throughput screening and selection methods
- Strong science communication skills

Our Offer:

- Competitive compensation
- Medical/Vision/Dental
- Further negotiable benefits
- The opportunity to help shape the culture, direction, and success of Kula Bio