



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: Principal Engineer / Engineer - Reactor Technology Team

Job Location: Somerville, MA

Job Description: This team member will lead collaborative efforts to scale-up and optimize Kula Bio's bioelectrochemical reactor platform. They will translate a benchtop-scale prototype to a 100+ L unit towards our initial commercial product. They will also oversee and manage electrocatalyst testing and development to expand the application range of our bioreactor technology.

Key Responsibilities:

- Lead the scale-up of benchtop bioelectrochemical reactor
- Oversee development of electrocatalysts for improved performance, longevity, and application range
- Work collaboratively with Microbiology and Agronomy teams to iteratively inform microbial strain design, reactor design, and application practices
- Mentor and train junior Reactor Technology team members
- Consult on field trials and on-site/on-farm operations
- Participate in strategic planning
- Assist in IP strategy development

Required Skills and Experience:

- Ph.D. in Chemical Engineering, Bioengineering, related discipline, or equivalent industrial experience
- Industrial experience
- Expertise in scaling-up microbial bioreactor technologies
- Expertise in scaling-up electrochemical technologies
- Experience with microbial processes
- Experience in electrocatalyst production, testing, development
- Strong record of technical communication and mentoring skills

Our Offer:

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