



Research Associate Microbial Engineering

Location: Durham NC

This research associate will help with efforts in developing and optimizing our high throughput microbial engineering platform from strain design and construction to testing and data analysis. Successful candidates will have previous experience in synthetic biology, high throughput screening, and lab automation preferred. The successful candidate will be able to quickly learn new concepts that are specific to support our technology and approach.

Responsibilities:

- Support automated lab workflows
- Experimental execution across multiple projects
- Troubleshooting and improving processes
- Maintaining safe practices and work environment
- Keep excellent laboratory records
- Routine written and oral reporting of activities and results

Qualifications:

We are looking for candidates with a B.S. in biochemical or metabolic engineering and/or synthetic biology or a related field, and significant industrial experience in a laboratory setting with lab automation. Additional qualifications include:

- Strong knowledge of Python and/or other programming languages
- Strong basic microbiology skills including aseptic technique
- Experience in drafting, revising, and following detailed SOPs and protocols
- Capability to manage multiple work-flows and experiments within a single day
- Ability to effectively work in cross-disciplinary teams
- Must be a self-starter, motivated, scientifically curious, and collaborative

Interested parties should send cover letter and resume to: Michael.lynch@duke.edu

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