

POSITIONS AVAILABLE:

Microbia's Precision Engineering™ group applies molecular genetics and profiling methods to rationally design microbes for the efficient production of commercially valuable metabolites. Applications include pharmaceuticals, food and feed ingredients, and specialty chemicals, as well as the developing area of industrial biotechnology products.

Due to the growth of our business, we are seeking several candidates, at both the BS and PhD levels, to join our product-focused project teams in Precision Engineering. Project teams integrate the disciplines of microbiology, genetic engineering, profiling sciences, fermentation process development, and bioanalytical chemistry to rapidly develop microorganisms for biomanufacturing.

PRIMARY RESPONSIBILITIES WILL INCLUDE:

- Design of genetic and molecular screens in various fungal or bacterial systems
- Application of genomic and bioanalytical profiling methods to identify existing limitations in production organisms
- Small-scale and bench-top fermentation experiments
- Biochemical and bioanalytical assays to enable high-throughput quantification of metabolites from complex samples
- Construction of molecular biology reagents for metabolic engineering efforts
- Microbial strain construction via molecular biology and classical genetic methods

QUALIFICATIONS:

- BA or BS with experience in microbiology and/or molecular biology; industrial experience is a plus.
- Senior candidates should have a PhD with a broad background in microbial physiology and genetics. Experience in microbial genomic profiling or metabolic flux analysis is especially desirable.
- Strong communication skills and the willingness and ability to perform as a team member in a dynamic, collegial work environment.

To apply for a position, please email a cover letter and resume to PEHRA@Microbia.com. EOE.