Syntis Bio

Bioprocess Development Scientist

The Role: Syntis Bio is developing novel oral enzyme therapies to treat metabolic diseases. Syntis Bio is seeking a scientist to lead the upstream and downstream process development of these enzyme programs. This role will be essential in driving advancement of multiple programs into early phase clinical studies. In addition, the scientist will work with the regulatory, nonclinical, formulation development, and clinical teams, as well as external partners. The role is on-site and located in Dorchester in Boston, MA.

The Responsibilities:

- Lead the implementation of upstream processes for microbial fermentation and downstream processes for harvesting, cell lysis, and enzyme purification at CDMOs.
- Management of CDMOs for tech transfer, process development, analytical development, and GMP manufacturing.
- Implementation of analytical methods for establishing purity and activity of enzymes and execution of methods to support formulation development of the enzymes incorporated into the SYNT technology.
- Support CMC Drug Substance sections of regulatory filings including INDs, BLAs, and NDAs.
- Interpret, analyze, present, and properly record data.
- Prepare documents and presentations that encompass project progression.

The Ideal Skills:

- PhD (with 1-3 years) or B.S./M.S. (with 8+ years) in chemical/biological engineering, biochemistry, or related discipline (level will be commensurate with experience).
- Experience with management of CDMOs through process development, analytical development, and GMP manufacturing.
- Experience with microbial fermentation including process scaleup.
- Experience with cell lysis and purification operations such as homogenization, flocculation, depth filtration, tangential flow filtration, and chromatography including process scaleup.
- Experience with a wide range of analytical techniques for characterization of enzymes including RP-HPLC and SE-HPLC.
- Scientifically driven to overcome complex technical challenges during process development and scaleup.
- Strong record of deliberate mentorship or management of junior level staff.
- Proven ability to lead the scientific direction of a project.
- Strong written and oral communication skills for technical and non-technical audiences.
- Conscientious team member with experience taking and giving constructive feedback.

About Syntis Bio

Syntis Bio is a clinical-stage biopharmaceutical company pioneering oral therapies that harness the small intestine's unique biology to transform treatment accessibility and efficacy across diseases ranging from rare genetic disorders to prevalent metabolic conditions. At the core of Syntis' platform is SYNT™ (SYNthetic Tissue-lining), a proprietary oral technology that forms a transient, biocompatible coating in the small intestine and can be engineered to modulate nutrient uptake, sustain gut-restricted enzymes, or enhance systemic drug absorption for up to 24 hours. The company's lead program, SYNT-101, is a once-daily obesity pill that mimics the metabolic effects of gastric bypass surgery by safely redirecting nutrient absorption toward the distal bowel, alongside a growing pipeline of gut-restricted enzyme therapies for inborn errors of metabolism and digestive disorders. Headquartered in Boston, Syntis has raised more than $50 million from leading life science investors, strategic partners, and competitive grant funding. For more information, please visit www.synts.bio and follow on Linkedin.

Syntis Bio is pleased to offer:

- Medical, dental, and vision coverage options.
- Bonus and Equity Plan
- Flexible time off
- Commuter Transit Plan
- Flexible Spending Account Plan
- 401(k) retirement Plan
- Short-Term Disability (STD), Long-Term Disability (LTD), and Life Insurance Plans

Syntis Bio is an equal opportunity employer that is committed to diversity and inclusion in the workplace. We prohibit discrimination and harassment of any kind based on race, color, sex, religion, age, sexual orientation, gender identity, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by applicable laws.