

Scientist I, II, or Senior Scientist: Natural Products Production Scientist

Company Description:

Think Bioscience is reimagining synthetic biology by using living systems to guide the design and assembly of better medicines. Our unique platform combines applied microbiology, enzymology, and data science to develop small-molecule therapeutics against elusive targets.

We are passionate about improving the lives of patients with innovative science. Our success is all about the team. If you share our passion, let's work together.

Job Description:

We are seeking a motivated research scientist to design, execute, and scale-up novel microbial fermentation-based processes to produce various natural products. You will report to the CTO and work closely with our management team as a leader in a growing R&D organization. The successful applicant will work as part of an interdisciplinary team of scientists, lead research projects in pursuit of novel small molecule therapeutics, and mentor junior staff.

Responsibilities:

- Develop, test, and optimize microbial fermentations for the production of natural products
- Apply knowledge of microbial physiology, biochemistry, metabolism, and process development to improve titer, yield, and productivity
- Prepare presentations and present data to both our internal team and external partners
- Write Standard Operating Procedures and maintain a high-quality Electronic Laboratory Notebook.
- Work on teams with diverse scientific backgrounds and foster a collaborative culture to conduct world-class science.

Qualifications:

- Ph.D. in an applicable discipline or MS with 5 years of experience.
- Expertise in bacterial fermentation optimization, especially E. coli fermentations, in both shake flasks and various fermenter scales
- Experience with the characterization of fermentation parameters and products (GCMS, LCMS, HPLC, etc.)
- Experience in modern molecular biology and synthetic biology techniques (e.g., cloning, strain engineering)
- Adaptability and flexibility to work in a dynamic startup environment.
- Strong collaboration skills (verbal and written communication, organization, teamwork, and creativity).

Preferred:

- Industrial experience in synthetic biology and/or pharmaceutical R&D.
- Experience with natural products isolation (e.g., flash or prep chromatography).
- Experience with preclinical R&D for small molecule candidate therapeutics and a familiarity with the broader drug discovery process.

What We Offer:

- A collaborative environment for innovative science and a mission-driven company.
- Opportunity for technical expansion and professional growth.
- Ability to influence key decisions in a fast-growing startup.
- Competitive compensation and benefits package, including a salary range of \$70,000 - \$140,000 per year (title and salary commensurate with experience).

Think Bioscience is an equal opportunity employer and committed to a diverse workplace. All applicants will be considered equally without regard to race, color, ethnicity, veteran status, religion, national origin, marital status, political affiliation, age, sex, sexual orientation, disability status, membership in an organization, or any other non-merit factors.