

## **Scientist I, II, or Senior Scientist: Cytochrome P450 Protein Biochemist**

### **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 with expertise in the biochemistry of cytochrome P450 enzymes to develop P450-based system for the production of small-molecule drug candidates. 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 cytochrome P450-based systems for the production of therapeutic candidates
- Express, purify, characterize, and engineer cytochrome P450 enzymes
- 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.
- Hands-on experience with the expression, purification, and characterization of cytochrome P450 enzymes
- Hands-on experience with protein engineering of cytochrome P450 enzymes for enhanced expression, modified function, or improved stability
- Experience in 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 bioinformatics workflows and tools
- Experience with small molecule isolation (e.g., flash or prep chromatography) and characterization (e.g., GCMS, LCMS, HPLC, etc.)

- 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.