

## Scientist/Senior Scientist

### Position and Scope

Invizyne Technologies, located in Monrovia, CA, has developed a proprietary cell-free enzyme platform to produce bulk and specialty chemicals from renewable feedstocks. Invizyne has demonstrated that its platform technology can be used to convert low-cost inputs into commodity chemicals used as flavors and fragrances, bioplastic, fuels, and therapeutics at near 100% of theoretical yields. Invizyne is leading the charge to enable a paradigm shift in renewable chemical production. With substantial private funding, in addition to multi-million dollar government grants supporting our research, Invizyne is poised to optimize and expand our platform into new markets and capabilities.

We are seeking a Scientist/Senior Scientist to join our dynamic team to expand one of our cell-free systems through enzyme engineering and process optimization. The Scientist/Senior Scientist will be responsible for leading the identification and characterization of new enzyme variants with improved properties. Additionally, the Scientist/Senior Scientist will work with the CEO and Director of R&D to build, optimize, and scale enzyme production systems for use with Invizyne's other platform systems with support from Scientists and Research Technicians. The Scientist/Senior Scientist will work in a collaborative, transparent environment with other protein and pathway engineers to bring concepts from the design stage to application. The ideal candidate will be an experienced biochemist who is comfortable working with enzymes, analyzing protein structure, and has knowledge and experience of primary and secondary metabolic pathways, along with demonstrated project leadership ability. The position is located in Monrovia, CA.

### Duties and Responsibilities

- In conjunction with the CEO and Director of R&D, lead day to day research effort focused on implementing a federally funded project at our lab space located in Monrovia, CA
- Independently design and troubleshoot experiments necessary to implement the project (e.g. protein expression, protein engineering, assay development, small molecule analysis)
- Play an active role in hiring technicians and building a team to perform needed tasks
- Interface with funding agency
- Contribute to research updates and reports

### Skills and Experience

- PhD in biochemistry, molecular biology, chemical engineering or related fields required
- Some experience beyond graduate work (industry experience is a plus, but not required)
- Demonstrated productivity and success (e.g. publications, grants, etc)
- Ability to effectively manage a project
- Broad knowledge of biochemistry, metabolic engineering, molecular biology techniques and/or commercial process development is highly desired

### Personal Attributes

- Entrepreneurial spirit and Self-starter
- Is a team player and likes working with others
- Excellent communication skills: written, verbal, and as a presenter
- A proactive individual who willing to make the extra effort to achieve great things and enjoys working in a stimulating, fast-paced environment
- Highest level of integrity, character and humility

Interested candidates please email CV to Tyler Korman at [tyler@invizyne.com](mailto:tyler@invizyne.com).