



## **Postdoctoral Research Scientist**

Diametryx Inc. is building its research and development team. We are looking for experienced talent eager to create entirely new compositions of matter in our lab in Boston and to help grow an early-stage startup. Join our team and contribute meaningfully to advancing the development and commercialization of our novel color-changing materials.

We offer competitive compensation including stock ownership, strong benefits, and a great work environment. This is an opportunity to enter a high-growth startup company at an early stage. We are recruiting candidates who have demonstrated leadership and excellence throughout their careers and are excited by the prospect of- and the effort involved in- building a great company.

### **Job Description**

Diametryx Inc. is seeking a highly motivated and enthusiastic Scientist I or II with colloid and surface chemistry expertise. (The level of this position (I or II) will be determined based on the qualifications and experience of the candidate.) Responsibilities include providing subject matter expertise and experimental contributions in developing stimuli-responsive, color-changing particles and materials.

This position will require the candidate to employ a wide variety of laboratory techniques to create new-to-the-world compositions of matter and to optimize those materials to yield functional technologies. An ideal candidate should be interested in a career devoted to research and development that leverages strong lab-based and leadership skills and should be interested in taking technologies from concept to prototype to product.

### **Requirements**

#### Role-Specific Requirements

- A Ph.D. (or equivalent experience) in chemistry, chemical engineering, materials science, or a closely related discipline.
- Extensive hands-on experience and demonstrated track record of success (e.g. via peer-reviewed publications) in colloid and/or surface chemistry.
- Basic knowledge of inorganic chemistry, polymer chemistry, and materials chemistry.
- Solid understanding of techniques for nanoparticle and microparticle characterization.
- Ability to work independently in the design and execution of R&D tasks.

#### General Requirements

- Excellent verbal and written communication skills.
- Intellectual curiosity, critical thinking, and openness to new ideas.

- Strong data analysis skills.
- Ability to work independently in the design and execution of R&D tasks.
- A bias toward execution while maintaining high quality.
- Successful candidates must be prepared to work onsite 4 days a week.
- US citizenship, or a clear path to permanent residency, is a plus.

### **Responsibilities**

- Perform and carry out design, synthesis, and testing activities to meet established project objectives.
- Evaluate and interpret data, performance, and deliverables.
- Provide recommendations to senior management regarding results, deliverables, progress, and challenges.
- Identify and eliminate hurdles to successful project completion.
- Conduct special projects as assigned.
- Manage external interactions (vendors, collaborators, customers).
- Participate in technical and/or project reviews and present findings as appropriate.
- Employ creativity to solve open-ended problems while assuring precision in experiments. • Practice technically sound, carefully thought-out decision-making.
- Engage with leadership to determine future R&D directions.
- Assist in the preparation and filing of patents and non-dilutive grant applications.

Diametryx Inc. provides equal opportunity in employment to all persons. No person shall be denied equal access because of race, creed, color, religion, national origin, sex, sexual orientation, gender identity, age, or physical/mental disability.

### **To Apply:**

Please submit your resume and cover letter to [info@diametryxinc.com](mailto:info@diametryxinc.com) for consideration.