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Molecular Biologist

Nano Terra is a dynamic R&D product development accelerator headquartered in Cambridge, MA. We are a multi-disciplinary team of chemists, material scientists, engineers, and biologists working with industry giants to develop revolutionary products in a variety of industries.

Currently, we're seeking candidates for a molecular biologist to join our team and help us bridge the interstitial space between biological systems and synthetic materials. Projects in the biological sciences include biosensor development, cell and macromolecule stabilization, development of anti-fouling and anti-microbial materials, etc.

The current position is open to PhD molecular biologists with 1-3+ years of postdoctoral/industry experience (or Masters with 8+ years), where familiarity with aptamer technologies is desirable. Candidate should be a self-starter who is comfortable working independently in startup environment.

Key Areas of Responsibility

- Collaborate with a multi-disciplinary team to **design** and **execute** molecular biological approaches to support product development.
- Design, develop, and execute cellular and biochemical assays.
- Impeccable sterile technique and experience with tissue culture.
- Communication with clients and supervisors, both through written reports and presentations
- Deliver results against aggressive timelines
- Generate and secure intellectual property for programs as needed
- Identify key academic collaborations

Consults with

- Biologists, Material Scientists, and Chemists
- Product Development Engineers
- Outside material suppliers and contract manufacturers

Qualifications

- PhD in Molecular Biology, Biochemistry or related field required with 1-3+ years postdoc/industry experience (or Masters with 8+ years)
- Strong problem-solving skills and ability to continuously learn/devise new experimental techniques
- Understanding of and experience in designing cellular and biochemical assays
- Excellent interpersonal and communication skills, both written and verbal, and experience working with multi-disciplinary teams
- Must be a U.S. citizen or permanent resident
- Record of scientific achievement through peer-reviewed publications, invited oral presentations, or patents