



840 Memorial Drive, Third Floor | Cambridge, MA 02139 | 617.868.0949 | Pronutria.com

**Position title:**

Biology - Research Associate

**Position summary:**

Pronutria is seeking an exceptional, highly-motivated Research Associate to work on cutting edge technology in the transformative nutrition space. The successful candidate will support research in the high throughput engineering group. Strong technical, organizational, and communication skills, as well as the ability to develop creative solutions to challenging problems, are essential.

**Responsibilities:**

- Routinely perform high throughput molecular biology techniques involving PCR, DNA assembly, DNA mutagenesis, DNA subcloning, protein/DNA electrophoresis, cell transformation, colony picking, cell culture, and other more advanced methods in support of research projects.
- Routinely perform experiments involving liquid handling systems.
- Routinely perform experiments involving next generation microfluidics DNA/protein quantification tools such as Caliper.
- Work collaboratively with other team members to accomplish project goals and milestones.
- Use creative problem-solving skills to troubleshoot experimental challenges.
- Routinely track and document results in laboratory notebooks and databases.
- Analyze, summarize, and present experimental results to manager and other team members.

**Qualifications:**

B.S. or M.S. in bioengineering, molecular biology, or equivalent and two or more years' experience, preferably in the biotechnology or pharmaceutical industry. Qualified applicants must have a strong background in molecular biology with experience in recombinant DNA technologies, protein analysis, cell transformation, and cell culture. Familiarity with liquid handling systems and LIMS is a plus. Must be highly-motivated with exceptional communication and teamwork skills.



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**Position Title:**

Analytical Sciences - Research Associate

**Position Summary:**

Pronutria is seeking an exceptional, highly-motivated Research Associate to work on cutting edge technology in the transformative nutrition space. The Research Associate will be responsible for analysis of samples and implementation and development of state of the art assays. An ideal candidate will display a strong fundamental understanding of proteins and biological systems and excel in a fast paced and creative start-up environment.

**Responsibilities:**

- Implement, develop, and run analytical techniques used in protein characterization, such as Chip electrophoresis, SPR, HPLC (SEC, RP, IEX, affinity chromatography), Mass Spec, SDS-PAGE.
- Develop a variety of immunoassay methods such as ELISA, Western Blot, Dot Blot, and Immunoprecipitation.
- Implement, develop, and run fluorescence and colorimetric enzymatic activity assays.
- Isolate, purify, and handle bench scale quantities of protein.
- Design and transfer methods to automation platforms with automation team.
- Work collaboratively with Biology, Process Development, and Product Development team members to achieve project goals and milestones.
- Routinely track and document results in laboratory notebooks and databases.
- Analyze, summarize, and present experimental results to manager and other team members.

**Qualifications:**

BS in biochemistry or related discipline with 1 – 3 yrs experience in the biopharmaceutical or biotech industry or MS in biochemistry or related discipline. Qualified applicants must have a strong background in protein analysis and demonstrate the ability to develop high throughput analytical workflows.