

Molecular Biology Technician

Draths Corporation, located in Lansing MI, is building a next generation chemical company focused on manufacturing biobased materials for use in everyday products via environmentally friendly and economical processes. The technology platform covers the entire benzene value chain, enabling it to manufacture products that are identical to intermediates used to make nylons, plastics, and a host of other materials. Draths is unique in this capability and is different from companies that are manufacturing biofuels or targeting other parts of the carbon-based chemical value chain (e.g., C-2, C-3 materials). Draths is looking for individuals who are committed to changing the way chemicals are made and who are willing to put forth the effort necessary to enable a growing biotech startup to achieve its technical milestones.

Job Summary

The Molecular Biology Technician will have academic or industrial experience utilizing molecular techniques to clone, analyze enzyme activity, and actively develop assays.

Job Responsibilities

- Perform laboratory tests and/or experiments, which may include various assays and basic molecular biology techniques (gene cloning, PCR, plasmid purification transformation) following established procedures and protocols.
- Identify plasmids via restriction enzyme digests.
- Operate instruments including but not limited to: micropipette, centrifuge, incubator, analytical balance, pH meter, laminar flow hood, Electroporator, thermocycler, UV-vis, digital imaging equipment, and French Press.
- Prepare solutions and samples for use in assays and analysis.
- Maintain a laboratory notebook.
- Use various software applications to prepare reports and presentations.
- Prepare culture media, agar plates, and other stock solutions.
- Autoclave process equipment and dry consumable stocks.
- Ability to follow standard operating procedures.
- Maintain sterile conditions utilizing aseptic technique.
- Comply with biohazard/chemical safety standards.

Requirements:

- Successful candidates will have a minimum of a Bachelors Degree in Microbiology or other related field (Biology, Chemistry, Biochemistry).
- Highly preferred to have at least one year scientific lab working experience.
- Basic lab skills in biology, microbiology, and/or chemistry are required.
- Knowledge of basic molecular biology techniques required.
- Strong written, verbal and interpersonal skills are required.
- Computer skills (word and excel applications) are required.

Draths offers competitive compensation commensurate with experience and a benefits package including health, dental, and vision insurance, flexible spending plans, life insurance, and 401k.

Submit your cover letter, resume/CV to molbio@drathscorporation.com

Please use the job title in the subject line of your email submission.

EOE