

## Open Positions in Molecular and Cellular Biology

Arbor Fuel Inc. seeks Scientists in Microbiology, Molecular or Cellular Biology. Arbor Fuel Inc. is developing proprietary microbial strains and processes for the production of biofuel. We are a well financed start-up company pioneering the conversion of biomass to next-generation alternative fuels. Arbor Fuel is looking for extremely talented individuals who share our vision of revolutionizing the biofuel industry. We are committed to hiring individuals with top notch expertise and skills that will contribute to our success. If you are interested in getting in on the ground floor of this exciting opportunity, possess a passion for science and are eager to work as an integral part of our dedicated team, we encourage you to apply!

### Description:

Arbor Fuel seeks highly motivated, experienced personnel to design and execute experiments using classical microbial genetics, genetic engineering, and metabolic engineering in yeasts. Position level will depend on experience.

### Requirements:

- Ph.D. in Biology, Biotechnology or related field.
- Would consider MS or BS in one of the above fields, plus 5+ years of industrial experience.
- Experience in yeast genetics (mating, sporulation, tetrad dissection) and molecular biology.
- Working knowledge of molecular biology, metabolic engineering and strain development required.
- Thorough understanding of microbial physiology as it relates to fermentation.
- Experience with both bacterial and yeast fermentation under aerobic and anaerobic conditions preferred.
- Ability to carry out experiments independently within a team environment.

### Duties & Responsibilities:

- Plan, execute and analyze critical strain development and optimization experiments within the scope of the relevant corporate projects and goals.
- Conduct the evaluation of various strains to support fermentation scientists in their optimization efforts.
- Keep abreast of current literature and the state of the art in metabolic engineering and their potential application to Arbor Fuel's internal projects.
- Continuously develop contributions to the company's intellectual property portfolio.
- Analyze, summarize, and present experimental results to others in the company to expedite the development of our integrated biofuels production process in a collaborative team environment.
- Write work plans and design experiments to meet defined objectives.
- Position requires at least 80% hands-on work at the bench.

Research facilities located at the Technology Incubation Program located at the University of Connecticut Health Center in Farmington, Connecticut. If you are interested send your resume to [nikolai@arborfuel.com](mailto:nikolai@arborfuel.com)

Arbor Fuel Inc. is an affirmative action-equal opportunity employer.