

**ctDNA Assay Research and Development  
aiGENE (Denver, CO)  
On-site at CSU FT Collins and /CU Anchutz  
June 1st 2023 – November 30th 2023**

Join aiGENE as we revolutionize how the cancer diagnostics field measures the effectiveness of cancer therapy. During this program, you will contribute to improving the quality of cancer treatment outcomes by joining our research and development group.

**Who We Are ...**

We are known as aiGENE, Inc. We are a research-driven biopharmaceutical company in the cancer diagnostics sphere. Our mission is to develop a rapid universal blood test measuring cancer and cancer treatment effectiveness. Our Dream is to provide a rapid, inexpensive, universal, on-site, pan-cancer monitoring of therapy effectiveness. Our team of scientists, bioengineers, electrochemists, oncologists and entrepreneurs shares over 100 years of combined experience covering cancer prevention, biological engineering, molecular biology, business development and management, entrepreneurship, product development, and commercialization.

**Our Mission...**

Applications are sought for internships in Cancer Diagnostic Equipment Research and Development within our company's Research Laboratories. Our team is looking for talented scientists with skills in biochemistry, molecular biology, and related life sciences.

**The Program...**

If selected, candidates will work within the Research and Development Department's ctDNA Analysis Team to evaluate our process for the measurement of ctDNA. The team will conduct experiments, evaluate and optimize separation and purification of cfDNA from process impurities as well as implement testing protocols to quantify cancer DNA. The initial scope of working with our program will last up to 6 months and will include one or more research projects. Successful participation in our Research & Development Division can expand your current skill set, enhance your professional development, and provides a chance to see if we are the right company for your long-term goals.

**Specific Job Requirements**

Under the direction of the project mentor, you will perform tests on a wide array of ctDNA samples.

- You will partner closely with a supervisor and contribute to projects that could potentially have a direct impact on oncology care for patients.
- You will be tasked with both wet lab bioassays and dry lab analyses to evaluate cfDNA samples.
- You will be further trained in and perform experimental design, execution, and data analysis.
- You will then focus on optimizing the resolution of target ctDNA from impurities.
- You will be expected to identify and develop best practice improvements for implementing potential diagnostics operations for measurement of ctDNA.

- You will be expected function independently and proactively in a multi-disciplinary collaborative environment.
- You will be expected to demonstrate the ability to effectively communicate results of your work in both verbal and written formats.
- In addition to the core responsibilities outlined above, you will be expected to keep careful notes, comply with all required training, and maintain a focused attention on laboratory safety for yourself and your team.

### **Required Education and Experience**

Candidates must:

- be enrolled in a minimum of a BS/BA in: Chemical/Bio Engineering, Chemistry, Biochemistry, Life Sciences, or relevant discipline (or)
- have completed at least biochemistry from an accredited college or university prior to the internship commencing.
- be available to work full-time for up to 3 months and potentially continue as a co-op for two consecutive semesters with continued employment for the second term dependent on a positive performance review at the end of the first term.

### **Preferred Experience, Skills, and Character**

Experience: Candidates should have -

- hands-on experience working with nucleic acids

Skills: Candidates should have-

- basic laboratory skills, including pipetting
- proficiency with molecular biology techniques
- at a minimum: be comfortable using a PC computer and proficient in basic applications, such as spreadsheets, slide presentations, and databases
- excellent oral and written communication skills
- excellent critical thinking skills

Character: Candidates should demonstrate-

- high motivation and drive
- detail-oriented
- ability to take initiative to learn new science
- excitement for implementing new technologies
- attributes to be a strong team player
- capacity to balance the needs of multiple disciplines when working

### **Compensation:**

The base pay range for this opportunity in the U.S. is \$18 to \$20 USD per hour, depending on education and experience.

### **About The Process**

Your application will initially be processed and screened for compliance with basic requirements. After screening, the subsequent steps as follows:

1. *Recruiter Interview. You will be interviewed by a member of our talent acquisition team, in order to talk you through the internship hiring process. This is an opportunity to ask any administrative or procedural questions you may have.*
2. *Manager Interview (in-Person). You will be interviewed by your potential supervisor, who will evaluate your capacity for exceling in our program. This is an opportunity to demonstrate your capabilities and ask any material questions you may have.*

This is a collaboration with Henry Lab and is an industry:academia hybrid position. You will be working with human plasma samples and will be trained in and required to comply with laboratory safety requirements. You will be a guest worker in the Henry Lab and have many of the benefits of academic lab but also have to comply with CSU policies. Employees working in roles that the Company determines require routine collaboration with external stakeholders, such as customer-facing commercial, or research-based roles, will be expected to comply not only with Company policy but also with policies established by such external stakeholders (for example, a requirement to be vaccinated against COVID-19 in order to access a facility or meet with stakeholders).

Please understand that, as permitted by applicable law, if you have not been vaccinated against COVID-19 and an essential function of your job is to call on external stakeholders who require vaccination to enter their premises or engage in face-to-face meetings, then your employment may pose an undue burden to business operations, in which case you may not be offered employment, or your employment could be terminated. Please also note that, where permitted by applicable law, the Company reserves the right to require COVID-19 vaccinations for positions where the Company determines in its discretion that the nature of the role presents an increased risk of disease transmission.

US And Puerto Rico Residents Only – must be able to report to labs at: CSU FT Collins and CU Anchutz (FT E Only)

Our company is committed to inclusion, ensuring that candidates can engage in a hiring process that exhibits their true capabilities. Please contact us if you need an accommodation during the application or hiring process.

For more information about personal rights under Equal Employment Opportunity, visit:

[EEOC Know Your Rights](#)

[EEOC GINA Supplement](#)

[Pay Transparency Non-Discrimination](#)

We are proud to be a company that embraces the value of bringing diverse, talented, and committed people together. The fastest way to breakthrough innovation is when diverse ideas come together in an inclusive environment. We encourage our colleagues to respectfully challenge one another's thinking and approach problems collectively. We are an equal opportunity employer, committed to fostering an inclusive and diverse workplace.

Learn more about your rights: including under Colorado and other US State Acts

**Search Firm Representatives - Please Read Carefully:**

aiGENE, Inc., Denver, CO, USA, does not accept unsolicited assistance from search firms for employment opportunities. All CVs / resumes submitted by search firms to any employee at our company without a valid written search agreement in place for this position will be deemed the sole property of our company. No fee will be paid in the event a candidate is hired by our company as a result of an agency referral where no pre-existing agreement is in place. Where agency agreements are in place, introductions are position specific. Please, no phone calls or emails.

Employee Status: Intern/Co-op (Fixed Term)

Relocation: No relocation

VISA Sponsorship: No

Travel Requirements: No Travel Required

Flexible Work Arrangements: On-Site

Shift: Not Indicated

Valid Driving License: No

Hazardous Material(s): Yes

Requisition ID: aiGENEJob2023002