

Research Scientist – Chromatography

Optimum Imaging Diagnostics – Scarborough, ME

SUMMARY:

OIDx has an immediate openings for Scientists who will be responsible for duties involved in the development and manufacturing of medical point-of-care diagnostic products. A successful candidate should be highly motivated and able to work independently as well as in a team. As part of a fast-paced start-up, this person will have a variety of responsibilities ranging from product development and troubleshooting to manufacturing in a regulated environment. Experience in lateral flow immunoassays, and analytical techniques such as HPLC, SDS-PAGE, FPLC are needed for this position.

ESSENTIAL DUTIES AND RESPONSIBILITIES: Other duties may be assigned.

- Development and manufacturing of lateral flow immunoassays and ELISAs for various infectious diseases.
- Work within a Quality System incorporating ISO and FDA regulations for all aspects of product development and manufacturing.
- Operate variety of equipment such as liquid handling systems for production of lateral flow devices.
- Perform experiments in the laboratory for innovative development and optimization of products.
- Accurately record experimental data and results in laboratory notebooks.
- Compile and analyze test data for study reports.
- Create detailed procedures for preparing critical reagents such as antibody conjugates.
- Participate in validation and verification procedures pertinent to development, characterization, validation, and manufacturing of immunoassay tests and reagents.
- Duties will include analysis, purification and general characterization of rare reagents using HPLC, FPLC, SDS-PAGE, and/or various analytical techniques.
- Maintain various lab equipment. Perform and record Preventative Maintenance as part of a Quality Assurance system.

QUALIFICATIONS & COMPETENCIES:

The following skills and competencies are necessary to perform the essential functions of this position:

- Analytical—the individual gathers and monitors complex or diverse information skillfully.
- Attention to detail – the individual is focused and accurate
- Flexible – the individual is able to manage multiple projects and tasks and thrive in a fast paced start-up environment
- Oral & written communication—the individual speaks and writes clearly and persuasively.
- Planning/organizing—the individual prioritizes and plans work activities, uses time efficiently and develops realistic action plans.
- Problem solving—the individual identifies and resolves problems in a timely manner.

- Professional – the individual presents him/herself professionally at all time with an eye toward teamwork.
- Competent and familiar with standard laboratory equipment and instrumentation.
- Self-directed and creative and must be able to work effectively in a flexible and multi-disciplinary team environment.
- Highly motivated, detailed orientated, with demonstrated problem solving skills and high-quality written and oral communication skills

This position requires a self-motivated individual who is not afraid of new or challenging experiences.

EDUCATION and EXPERIENCE:

- Minimum Bachelor of Science Degree in Molecular Biology, Chemistry, Biochemistry, Bio Engineering, or Proteomics
- 3-5 years of experience
- Knowledge and experience in laboratory scale protein purification, employing Hydrophobic Interaction Chromatography (HIC), Size Exclusion Chromatography (SEC), Ion-Exchange (IEX) mixed mode chromatography and Affinity Chromatography. Experience with GE AKTA FPLC and unicorn software preferred
- Hands-on experience in analytical techniques including HIC-HPLC, SEC, IEX, PR-HPLC, and capillary electrophoresis
- Experience in development and manufacturing of lateral flow immunoassays desired with an emphasis on nano-particles

Job Type: Full-time

Education:

- Bachelor's (Required)

Work authorization:

- United States (Required)

Benefits offered:

- Paid time off
- Health insurance

HOW TO APPLY:

- Please include in your cover letter that you found this job posting through biomaine.org
- Apply through Indeed: <https://www.indeed.com/cmp/Optimum-Imaging-Diagnostics/jobs/Research-Scientist-eff714081f9149e8?q=optimum+imaging+diagnostics&vjs=3>