

Title: Associate Scientist I/II

Full-time position: (40 Hours per week)

Benefits: Health, Dental Insurance, Short and Long-term Disability

Compensation: Based upon experience

Reporting: This position reports to the Head of Client Development

ChromaTan (www.chromatan.com) is a start-up disrupting the biologics purification space with a column-free, continuous purification platform (CCTC). Our mission is to enable next-generation flexible manufacturing facilities and lower cost production of life-saving biologics. This position will focus on developing Downstream processes for mAbs, Recombinant Proteins, AAV's, mRNA, and DNA products for Client projects.

Location & Travel:

- Based in Springhouse, PA
- May need to travel between work sites, contractor sites, and potential customer sites (initially up to ~10% travel)

Roles and responsibilities:

- Perform analytical testing on process development samples using U-HPLC, qPCR, and ELISA
- Lead the development of in-process analytics of monoclonal antibodies, AAVs, recombinant proteins, DNA, and mRNA.
- Lead the design and testing of Process Development experiments for continuous chromatography of biologic molecules.
- Investigate and develop novel bioproduction technologies.
- Scale-up process evaluation of CCTC and column-based purifications.
- Support early research activities, government grant projects, and client projects.
- Conduct experiments, perform tests, and provide analyses as part of a variety of research and development activities, e.g., small-scale studies, pilot plant and analytical.
- Evaluate and summarize study results.

Technical skills and experience:

- Bachelor of Science degree in Chemistry, Biochemistry, Bioengineering or a related field 4-7 years of industrial experience in development of process control solutions for commercial products. Graduate work will be considered toward work experience.
- Knowledge and technical experience in biotechnology related development, including chromatography, fluid mechanics, filter sizing, analytical techniques, and process design (preferred).
- Hands on experience with basic chromatography, and filtration (preferred).
- Working knowledge of analytical techniques such as HPLC, UV-Vis, ELISA, and qPCR (needed).
- Wet lab experience in an industry setting (preferred).

Personal Skills

- Clear, detailed communication and reporting.
- Organized and disciplined recordkeeping practices.
- Independent, self-organized, multi-tasking.
- Able to work within small, cross-functional teams.
- Technically focused

Environment

- Dynamic start-up environment with multiple projects internal and external
- Fast-past development schedule
- Semi-flexible hours