

## **Title: Senior Scientist**

Full-time position: (40 Hours per week)

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

Compensation: Based upon experience

Reporting: This position reports to the CSO

ChromaTan ([www.chromatan.com](http://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 continuous downstream processes for mAbs, Recombinant Proteins, AAV's, Lentiviruses, mRNA, and DNA products for Client projects.

### **Location & Travel:**

- The office is located in Springhouse, PA
- Some travel may be required between work sites, contractor sites, and potential customer sites

### **Roles and responsibilities:**

- Lead the design and testing of Process Development experiments for continuous chromatography of biologics.
- Lead the development of in-process analytics of monoclonal antibodies, AAVs, recombinant proteins, DNA, and mRNA.
- Supervise 2 Associate Scientist in completion of wet lab activities
- Perform analytical testing on process development samples using U-HPLC, qPCR, and ELISA
- Refine and innovate in-house and customer centric modeling for CCTC and process development activities
- Design experiments and execute process development CCTC runs for clients with process development team
- Lead and participate in publication efforts and presentations at conferences
- Interface with the engineering team and provide feedback to assist platform commercialization
- Provide training to junior employees
- Generate reports for clients and government organizations

### **Technical skills and experience:**

- Bachelor of Science degree in Chemistry, Biochemistry, Bioengineering or a related field. 7-10 years of industrial experience in downstream process development for biologics manufacturing or related field. Graduate work will be considered toward work experience.
- Track record of leading projects in Downstream Processing
- Knowledge and technical experience in downstream applications including chromatography, fluid mechanics, filter sizing, analytical techniques, and process design.

- Hands on experience with basic chromatography, and filtration.
- Working knowledge of analytical techniques such as HPLC, UV-Vis, ELISA, and qPCR.
- Experience in Upstream production and development is a plus
- Experience with Python or economic modeling tools (BioSolve) is a plus

### **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

### **Environment**

- Dynamic start-up environment with multiple projects internal and external
- Semi-flexible hours
- Excellent career growth opportunities