



ALTUS ENTERPRISES, INC.

900 Middlesex Turnpike, Building 5 Suite 1A, Billerica, MA 01821

JOB DESCRIPTION

JOB TITLE: Research Associate Analytics

DEPARTMENT: Analytics and Data Sciences

REPORTS TO: Lead Scientist

GENERAL JOB DESCRIPTION:

We are looking to hire an energetic and motivated **Research Associate** to develop analytical methods and characterize recombinant monoclonal antibodies for different programs. This is a lab-based position, and the desirable candidate should have hands-on experience with analytical instruments and setting up methods. The candidate should be scientifically strong and capable of conducting experiments under scientific supervision and work closely with other members involved in the discovery and screening of protein therapeutics. The candidate is expected to be detail-oriented, follow experimental procedures, and be able to work flexibly.

MAJOR DUTIES AND RESPONSIBILITIES:

- Routinely perform HPLC/UPLC, LC/MS operations and data analyses to support the discovery and screening team which includes sample preparation and method development
- Hands on management of the HPLC, UPLC and mass spectroscopy instruments including programming, operations and troubleshooting instruments
- Setup MS analytical methods including intact mass analysis and subunit analysis of antibodies
- Hands on management of HPLC and setup of method for size exclusion chromatography
- Calibrate and validate performance of automated instrumentation

MINOR DUTIES AND RESPONSIBILITIES:

- Perform general laboratory tasks as needed
- Adhere to and keep up to date with health and safety training
- Write SOPs, technical and method development reports, prepare slides and present in team meetings



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- Close collaboration with team members in the discovery and screening of proteins

QUALIFICATIONS FOR THE JOB:

- *Education:* M.S degree or higher in Analytical Chemistry, Chemistry, Chemical Engineering, or related discipline
- *Experience:* 0-2yrs of relevant industry or academic experience
- *Technical:*
 - Experience and strong familiarity with HPLC/UPLC, LC/MS, CE, liquid handling instrumentation and other analytical instruments
 - Experience working with Xevo G2-XS QToF Quadrupole Time-of-Flight Mass Spectrometry is highly desirable
 - Proficiency in Empower, Chemstation, and Waters Mass Spectrometry software platform including Unifi
 - Strong scientific background in optimizing and validating analytical assays
 - Proficiency in using Microsoft Office products and standard graphing software
 - Excellent time management and organization skills
 - Good problem-solving skills
 - Strong written and oral communication skill
 - Ability to multitask with an evolving workload in a fast-paced research environment

PHYSICAL REQUIREMENTS: Position requires long periods of time either standing or sitting at the lab bench

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For consideration, please submit a resume to hr@altusx.com.