

This is an exciting opportunity to get into a scientific leadership position in a well-positioned biotech start-up with unlimited potential! Immuto Scientific is a venture-backed and NIH-funded commercial-stage biotechnology company in Madison, WI working to advance drug discovery through protein structural analysis. Immuto has developed a proprietary technology called Plasma Induced Modification of Biomolecules (PLIMB). PLIMB is a mass spectrometry-based technique for protein structural analysis and is used in conjunction with other techniques for protein analysis. Our core business is epitope mapping of antibody therapeutics to their drug target. Our customers include preclinical biotech companies, big pharma and research institutions.

We are seeking a scientist with the qualifications listed below to join our team. The position may be Scientist or Senior Scientist depending on the qualifications of the applicant. The ideal candidate is a highly ambitious, entrepreneurial minded, mass spectrometry expert who is interested in joining an early-stage startup team and drive the future direction of the company to advance drug discovery and improve patient outcomes. Immuto will offer a comprehensive compensation package including salary, equity, and benefits such as PTO, medical, dental, vision and retirement plan.

#### Required Qualifications:

- 4+ years of experience in LC-MS protein analysis
- Ph.D. in analytical chemistry, biochemistry, or related field
- Deep understanding and proven experience in LC-MS instrumentation and troubleshooting
- Experience in proteomic LC-MS method development and analysis.
- Ability to work independently and collaborate with team members
- Ability to identify bottlenecks and unmet needs in analytical characterization workflows and develop solutions for customers
- Entrepreneurial mindset with interest in taking a leadership/management role
- Exceptional time and project management skills with the ability to own and manage multiple projects in a changing environment and meet timelines
- Excellent communication skills and ability to speak, present and write clearly and accurately
- Willingness to travel to conferences and customer site visits

#### Preferred Qualifications:

- Experience or understanding of the following techniques
  - Hydrogen/Deuterium Exchange (HDX):
  - Hydroxyl radical protein footprinting (HRF)
  - Chemical cross-linking mass spectrometry (XL-MS)
  - Site specific labelling MS
  - Glycoprotein MS
  - In-silico structural modelling
  - Protein expression and purification
  - Membrane protein expression and purification
  - Mutagenesis
  - SEC-MALS
  - ELISA
  - Protein-protein interaction and *in vitro* binding assays



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- Experience and/or familiarity with in-silico protein structural analysis and visualization.
- 2+ years of industry experience, especially in the field of antibody drug discovery/development
- Hands-on experience with Thermo Orbitrap technology
- Familiarity with Protein Metrics software
- Business experience and interest
- Demonstrated experience in developing strong customer relationships and project management

#### Responsibilities

- Lab and instrument design and setup
- Develop and optimize HDX, HRF, XL-MS (and other as described above) experiments for the following applications:
  - Epitope mapping
  - Protein-protein and protein-small molecule interactions
  - Structural analysis
- Visualize complex proteomics datasets
- Technical presentations to clients and at conferences
- Manage customer projects
- Author scientific papers
- Write grant funding proposals
- Future potential of managing a team of analytical and biological chemists

#### Job specifics:

- Employment: Full-time
- Compensation: The position comes with a competitive compensation and benefits package, including stock option grants, health, dental and vision benefits, 401K and PTO.
- Location: Madison, WI 53719 (required)

To apply or learn more about the position, please contact

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