

## Senior Scientist, Protein Mass Spectrometry

### Overview:

The Scientist / Senior Scientist - Analytical Development will be responsible for enhancing our analytical and bio-physical characterization proficiencies by providing expertise in the various analytical methodologies that have been brought in-house for product characterization purposes such as MS, MS/MS, AF4/HF5, DLS and CD all of which were currently performed by external CROs. The Scientist / Senior Scientist will also provide expert analytical support to our team of associate scientists as well as providing cross-functional support to Process Development and Manufacturing departments at all of our global manufacturing sites, in addition to providing CMC support and review of technical data for all regulatory submissions.

### Position Responsibilities:

- Under the guidance of the Analytical Development Manager and using personal expertise, conduct various independent laboratory experiments to satisfy the overall AD objectives of product characterization and investigation.
- Take the lead role for implementation and method development using newly acquired laboratory equipment, MS, MS/MS, AF4/HF5, DLS and CD.
- Advise and assist in optimization of current experimental methodologies using the following instrumentation: MS, MS/MS, CE, DSC, iCE3, SEC-MALLS, and all types of HPLC analyses.
- Author IND CMC sections describing the characterization work performed and results generated.
- Author technical reports for all product characterization and investigation.
- Assist with the day-to-day maintenance of an orderly analytical laboratory.

### Required Skills:

In addition to the experience described below:

- Well versed in performing enzymatic digests as well as intact analyses of various protein therapeutics as well as mAb's and ADC's with subsequent LC-MS and LC-MS/MS analyses.
- The ability to think and solve problems creatively from a critical and analytical perspective
- Strong interpersonal skills.
- Excellent self-management skills.
- Excellent written and oral communication skills.
- The ability to work independently and as part of a team.
- Occasional travel to R&D facilities.

### Education/Experience:

- PhD degree in protein chemistry or other closely related field preferred.
- 5+ / 10+ years' experience in the Biotechnology / Pharmaceutical industry working directly in the field of protein analytical chemistry for the scientist and sr. scientist position respectively.
- Proficient using Agilent OpenLab LC Software and Agilent Mass Hunter MS software.
- Extensive experience with mass spectrometry amongst other analytical and bio-analytical protein characterization techniques including but not limited to HPLC, LC-MS, MS/MS, CD, DSC, DLS, AF4, MALLS, among other analytical techniques associated with the identification and characterization of large and small molecules.

**This position is based in the Celldex location in Fall River, MA**

**For more information, and to apply:**

<http://www.celldex.com/about/current-opportunities.php>

<http://www.celldex.com/about/about-overview.php>