

Scientist – Protein Characterization

Affibody is looking to recruit a Scientist with focus on analytical chemistry/biochemistry to the Protein Characterization (PC) group. The location is at Affibody's premises at Karolinska Institutet, Campus Solna.

The Scientist will be part of the PC group, currently consisting of six coworkers, and the work will be directed by the objectives and demands of the research and development projects, with a focus on projects from candidate drug (CD) nomination to late clinical phase.

The PC group is scientifically and technically responsible for method development, analysis, and characterization during in-house development of Affibody® candidate drugs and manufacturing processes. This includes transfer of the analytical methods to CMOs and providing support for method qualification/validation at CMOs. The group is also accountable for obtaining product knowledge to facilitate process and formulation development, e.g., through forced degradation studies, identification of degradation pathways and the product's critical quality attributes. The PC group also provides tools for control of product quality, stability, and consistency, e.g., by planning and conducting stability and comparability studies and by establishment of specifications. The PC group is further responsible for strategies and oversight of method development and characterization, and for sourcing and managing external analysis of drug substance (DS) and drug product (DP) for Affibody's projects in clinical and commercial development.

The Position

The position is focused on supporting primarily the development projects, from CD nomination, with analytical method development and protein characterization. You are expected to independently plan and execute research, analyze data, and report results to meet specified timelines and objectives.

As Scientist in the Protein Characterization group your main responsibilities include:

- Development of analytical methods suitable for analysis and characterization of Affibody® candidate drugs in clinical development or commercial phase, e.g., HPLC/UPLC, LC-MS, SDS-PAGE, CE, CD and DLS methods.
- Manage or support analytical method transfer to or between CMOs/CROs.
- Act as analytical SME in contact with CMOs/CROs regarding method development, qualification, validation and/or characterization.
- Biochemical/biophysical characterization of Affibody® molecules.
- Manage or support outsourcing of analytical activities.
- Provide analytical support and expertise for in-house (or external) product-, process-, and formulation development.
- Be up to date, and internally share knowledge, regarding method and technology development within the field.
- Be up to date, and internally share knowledge, regarding regulatory requirements for analysis and characterization of biopharmaceutical products.

- Write and review analytical documents, e.g., method descriptions, characterization reports, protocols and reports regarding method development, qualification/validation, and transfer.

Qualifications

The right candidate fulfills the following qualifications:

- University degree in relevant scientific discipline.
- More than two years of experience from the biopharmaceutical industry.
- Experience of analytical method development of biopharmaceuticals during clinical or commercial development.
- Experience of analytical method qualification, validation and/or transfer.
- Experience of different HPLC techniques.
- Experience of mass spectrometry, gel or capillary electrophoresis, CD or DLS is a plus.
- Experience of protein characterization.
- Experience of forced degradation, stability and/or comparability studies is a plus.
- Excellent verbal and written communication skills in English.
- Knowledge about regulatory requirements for analysis and characterization of biopharmaceutical products.

Personal attributes

We are looking for a person with a strong scientific interest in analytical method development and protein characterization. To be successful in the role you need to have an interest in practical laboratory work, in reading scientific publications/reports and in sharing your results and knowledge through presentations and in reports. You are comfortable working both independently and in internal and external cross-functional teams. You are self-motivated, driven, able to take initiatives, and results oriented with a strong sense of personal accountability. The role requires good communication and interactions skills.

Application

In this recruitment we are working with Qrios. If you have any questions about the role, please contact recruitment consultant Krishan Johansson-Haque at krishan.johansson-haque@qrios.se. Please send your application (CV and a note on why you think this is your next step) to jobs@affibody.se, with “Scientist PC” as the subject.

At Affibody there is a local union club, an association for graduate professions [“Akademikerförening”] representing SACO, the Swedish Confederation of Professional Associations. To get in contact with the board members of the local union, please email AFstyrelse@affibody.se.