

Scientist – Immunology/Cell Biology with a Focus on Automation

Affibody is looking to recruit a Scientist with focus on throughput enhancement of assay workflow to the In Vitro Pharmacology (IVP) group. The location is at Affibody's premises at Karolinska Institutet, Campus Solna.

The Scientist will be part of the IVP group, currently consisting of ten coworkers, and the work will be directed by the objectives and demands of the research and development projects, with a focus on cell- and immunoassay development, automation, and improvement of workflows for data acquisition and data evaluation up to candidate drug (CD) nomination.

The IVP group is scientifically and technically responsible for cell-based and/or immunoassays for i) characterization of Affibody[®] molecules in terms of binding/blocking capacity and function, ii) binding and potency assays, iii) impurity profiles, iv) immunogenicity assessments, and v) pharmacokinetic (PK) and pharmacodynamic (PD) analyses. This includes responsibility for supporting the internal research process with the development of new Affibody[®] molecule candidate drugs, as well as supporting Affibody's process development, non-clinical, clinical, and post-marketing activities with method development, analyses, and subject matter expert (SME) competence in technology transfer to contract research organizations (CROs) and contract manufacturing organizations (CMOs), including support with development, qualification, and validation by CROs and CMOs. The work is conducted in close collaboration with other relevant groups at Affibody.

The Position

The position is focused on supporting the early projects, from project start to CD nomination, with cell-based and/or immunoassays for the characterization of Affibody[®] molecules in terms of binding/blocking capacity and function. For this position it is key to contribute to the improvement of the way of working to increase the productivity of the IVP group in the research process. You are expected to independently plan and execute research, analyze data, and report results to meet specified timelines and objectives.

As Scientist in the IVP group, your main responsibilities include:

- Plan and execute research, analyze data, and report results from immuno- and cell assays, independently or in cooperation with other group members.
- Responsibility and accountability for generated results and given timelines.
- Responsibility for documentation and reporting findings within given timelines.
- Evaluation and analysis of samples from primary and matured Affibody[®] molecules.
- Responsibility for supporting the IVP group with assay automation.
- Responsibility for supporting the improvement of IVP workflows for data handling in collaboration with the Protein Engineering, Informatics and Automation group.

- Strive to increase the company's knowledge within the field of High Throughput Screening.

Qualifications

The right candidate fulfills the following qualifications:

- University or PhD degree in Life Sciences, e.g., immunology, cell biology, biotechnology, or similar.
- More than five years of hands-on experience from work with immune- and/or cell-assay development and automation, preferably in an industrial setting.
- Extensive experience in independently planning and performing experiments and analyzing data in a scientific research setting.
- Experience in working with liquid-handling robots.
- Industrial experience from the development of biologics is an advantage.
- Experience from documentation in electronic lab books is a plus.
- Verbal and written communication skills in English.

Personal Attributes

We are looking for a person with a genuine interest to seek knowledge and learn as well as with an ability to analyze, absorb and generate new ideas to solve problems and deliver innovative solutions. To succeed in the position, you need to have an interest in practical laboratory work and a drive to implement improvements in the work processes. We believe you are driven, able to take initiative, results-oriented, and self-motivated, with a strong sense of personal accountability, working well both independently as well as in teams. The position requires good communication and interaction skills.

Application

We will interview candidates from the middle of August, but we welcome your application today!

Please send your application (CV and a letter describing why you think this is your next step) to jobs@affibody.se.

If you have any questions about the position, please contact the Head of In Vitro Pharmacology, Ingrid Näsman Björk, at ingrid.nasmanbjork@affibody.se.

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.