Expert Scientist, Bioassays and Biophysics

Experience

- PhD in Biochemistry, Biophysics or related field with more than 5 years of pharmaceutical or biotechnology industry experience.
- Deep understanding of protein structure/function, protein biophysics, and general biochemistry. Hands-on experience with biophysical assays (e.g. ITC, TSA, SPR, MST, DLS, SEC) and state-of-the-art biochemical techniques.
- Experience with a wide variety of protein and other macromolecular targets in small molecule drug discovery projects.
- Experience leading research scientists as well as managing interactions with external partners, collaborators and CROs.
- Deep understanding of the characterization of protein-protein interactions.
- Experience with DNA encoded libraries (DELs) and similar technologies.
- Experience with Protein Degraders validation, design, and optimization.
- Experience with programs involving phenotypic screens.
- Good knowledge of the drug discovery process with a proven track record of delivery to progress drug discovery projects.
- Effective communication skills for working in Drug Discovery interdisciplinary teams.

Tasks and Responsibilities

- Take a lead role in Almirall's biochemistry and biology activities in Protein-Protein Interaction modulation and Protein Degradation.
- Supervise biochemical and biophysical assay development and implementation including transference to internal and external partners.
- Manage the execution of throughput screening activities of multiple projects in different therapeutic targets with a clear understanding of project needs and ensuring the delivery of high-quality data with a clear communication of timeline.
- Perform strong data analysis and interpretation and contribute to the design of follow-up experiments.
- Support hit and target identification and validation.
- Keep up to date with research and technology in fields relevant to Drug Discovery and in particular Protein-Protein Interaction and Protein Degradation.
- Work in close collaboration with other scientists in the team, academic advisors, external partners and company management, and participating in regular discussions with the R&D teams and disseminate results of projects as appropriate.