

We are looking for a highly motivated and talented Protein Purification Scientist, who will play a key role in driving our partnered research programs and internal drug discovery efforts. Abilita Bio (www.abilitabio.com) is an innovation-driven biotechnology start-up company focused on enabling the discovery and development of drugs targeting challenging membrane proteins, including G protein-coupled receptors (GPCRs), transporters and ion channels. The company is located in the prestigious Johnson & Johnson JLABS life science incubator (<https://jllabs.jnjinnovation.com/>), at the heart of the San Diego biotech ecosystem.

RESPONSIBILITIES

- Support the organization by helping to build a team focused on delivering best-in-class scientific results while upholding our corporate values of integrity, open communication and collaboration.
- Independently design small and large-scale purification strategies for diverse recombinant membrane proteins expressed in mammalian cells.
- Biophysical characterization of purified proteins using multiple methods and instruments.
- Utilizing the latest molecular biology techniques, perform activities that range from simple cloning to the generation of sophisticated gene variant libraries.
- Maintain familiarity with current scientific literature and pertinent new technologies and translate new concepts from literature to bench research.
- Support the needs of multiple research efforts in parallel.
- Maintain close collaborative interactions with colleagues in the research group, and regularly communicate progress to team members and the management team.
- Interpret experimental data, communicate relevant findings to colleagues and present results of experiments at weekly scientific team discussions.
- Present key findings to our pharma and biotech partners at project update meetings.

QUALIFICATIONS

- Ph.D. degree in biochemistry, structural biology or a related discipline with at least 2 years relevant postdoctoral experience; OR MS degree with 5y of highly relevant experience will be considered.
- Extensive experience in protein biochemistry, protein purification (using affinity and traditional chromatographic techniques), protein modification using enzymatic and chemical methods, and biophysical characterization of protein properties.
- Demonstrated capabilities to independently design, implement, and troubleshoot difficult protein purification and characterization experiments.
- Hands-on, technical experience with instrumentation essential for protein analysis, especially HPLC systems.
- Specific experience with membrane proteins, including GPCRs, ion channels or transporters strongly preferred, but not required.
- Ability to work as part of a small collaborative cross-functional team.
- Excellent communication and presentation skills.
- An individual with a strong work ethic, who is seeking a fast-paced, dynamic work environment and enthusiastically embraces the opportunity to contribute to the success of the company.