

Biochemist, Receptor Discovery

Job Description

NextCure is a clinical stage biopharmaceutical company located in Beltsville, MD, and focuses on the discovery and development of novel immunomedicines for the treatment of cancer and other immune-related diseases. We are seeking a highly motivated scientist with a strong background in biochemistry and molecular biology to join our Discovery Research team. NextCure employs multiple function-based screening approaches, termed Functional, Integrated NextCure Discovery for Immuno-Oncology (FIND-IO™). We are actively developing screening platforms to target additional disease indications. Our goal is to identify novel, first-in-class therapeutic targets. A successful candidate will identify and validate protein-protein interactions to characterize ligand/receptor pairs responsible for mediating intercellular interactions identified by our functional screens. The selected candidate will work in a highly dynamic, proactive, multidisciplinary environment with the goal of rapidly moving novel biological immunomedicines toward the clinic.

Responsibilities

- Independently design and perform novel assays to isolate and characterize ligand/receptor pairs and protein complexes in the plasma membrane and extracellular space
- Develop biochemical techniques and identify and compare platforms to facilitate receptor discovery
- Draft research workplans on a target by target basis
- Coordinate with other members of the NextCure team to validate the role of identified protein-pairs in mediating functional intercellular communications
- Manage external collaborations with CROs and academic partners to compliment internal resources and to complete objectives in a timely fashion
- Coordinate tasks across multiple projects and prioritize as appropriate
- Communicate scientific results and conclusions in written reports and oral presentations

Required education and experience

- PhD in Biochemistry, Molecular Biology, or a related field
- Postdoctoral experience preferred
- Scientist level and compensation will be commensurate with level of overall experience

Qualifications

- Extensive experience in biochemical and protein chemistry techniques (e.g. protein pull-down and crosslinking, chromatography and gel electrophoresis, ForteBio Octet or SPR, SEC-MALS, LC/MS, protein stability assays)
- Hands-on experience with protein pull-down techniques
- Experience with collecting and interpreting mass spectrometry-based proteomics data
- Demonstrated ability to independently investigate, compare, and incorporate new techniques and equipment
- Outstanding project management, organizational and multi-tasking skills
- Strong interpersonal skills, written and oral communication skills, and ability to work in matrix team environment
- Strong publication record

NextCure is an Equal Opportunity Employer and offers a competitive salary and benefits package in a scientifically engaged teamwork environment. Qualified candidates should email their resume to info@nextcure.com