



Position	Scientist, Oncology
Supervisor	Kristine McKinney, PhD
Department	Biology
Prerequisites	PhD in Biology or related scientific field with 3-5+ years of relevant experience

Mission:

The mission of Arrakis Therapeutics is to extend small molecule drug discovery into new realms of biology by discovering and developing compounds that selectively target RNA. Our efforts span a wide range of disease areas including oncology where we have the opportunity to target key drivers of disease that have been historically elusive to drug using protein-centric methods.

We are seeking a scientist with a strong, mechanistic understanding of oncogene and tumor suppressor pathways to join the team leading the scientific and experimental strategy for RNA targeted small molecule programs in oncology. This is an opportunity to substantively contribute to multiple stages of drug development. Responsibilities of this role will include helping to build the cell-based assay platform at Arrakis and characterizing the cancer biological mechanism of action of lead compound(s). The scientist will also be key in generating the preclinical data package to support regulatory filings.

The successful candidate will have a Ph.D. in molecular biology, cell biology, cancer biology or equivalent, a solid understanding of cancer biology pathways, and proven scientific excellence as evidenced by a strong publication record. Strong foundational knowledge of cancer biological pathways and expertise in a variety of molecular and cell biological techniques are critical attributes for this role. Experience in assay development experience and/or mouse tumor models would be a plus.

Key Responsibilities:

1. Help build the cell-based assay platform at Arrakis.
2. Design assays and generate proof-of-concept data for molecular biological (HTRF, MSD, ELISA) and cell-based assays compatible with medium-throughput screening to characterize 100-1000s of small molecule candidates.
3. Develop and execute experimental strategy to characterize biological mechanism of action and phenotypic outcomes of target perturbation for lead program(s) in oncology
4. Work effectively in a cross-functional capacity with the RNA biology, informatics, screening and chemistry teams to deliver high-quality results in an efficient manner.

5. Display a willingness to work hands-on in the wet lab in the near-to-medium term (1-3 years) and the ability to recruit/develop a team of A players in the medium-to-long term (2-5 years) to support key outcomes.

Core Competencies:

1. **Fast-acting/efficient.** Moves quickly and proactively with a strong work ethic to produce high-quality results while fostering a positive work environment. Able to design and execute controlled experiments to drive to critical decision points. Demonstrates tenacity and willingness to go the distance to get something done.
2. **Integrity.** Does not cut corners ethically. Earns trust and maintains confidences. Does what is right not just what is politically expedient. Speaks plainly and truthfully. Follows-through on commitments. Expects personal performance and team performance to be nothing short of world-class.
3. **Intelligence and innovation.** Learns quickly. Able to structure and process qualitative and quantitative data and draw insightful conclusions. Exhibits a probing mind and achieves penetrating insights. Generates new and innovative approaches to problems.
4. **Teamwork.** Reaches out to peers and cooperates with the team to establish an overall collaborative working environment. Listens to others and seeks to understand their viewpoints. Often solicits feedback and reacts calmly to objective feedback. Speaks, writes, and presents clearly. Exhibits passion and excitement about science and drug development. Has a can-do attitude without losing objectivity.
5. **Flexibility/adaptability.** Adjusts quickly to changing priorities and conditions. Copes effectively with complexity and change. Calm under pressure.
6. **Technical proficiency.** Extensive hands-on experience in a broad range of molecular biology and cell biology techniques is required. Experience in assay development and/or mouse tumor models would also be desirable.