



Position	<b>Research Associate, Oncology</b>
Supervisor	Kristine McKinney, PhD
Department	Oncology
Prerequisites	BA/BS in Biology or related scientific field with 3+ years of relevant experience or Master's degree with 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 seek a research associate to join our team to help build and execute cell-based assays for RNA targeted small molecule programs in oncology. This is an opportunity to substantively contribute to a vital function of our fast-growing company. Responsibilities of this role include design and execution of molecular and cellular biology-based experiments that query key cancer biological pathways to assess impacts of rSM treatment on endogenous protein expression and cellular phenotypes.

The successful candidate will have a BA/BS in biology or related field. Demonstrated expertise in a variety of molecular and cell biological techniques including: mammalian cell tissue culture, lentiviral infections and transfections is required. Assay development experience would also be desirable.

### **Key Outcomes:**

1. Perform mammalian cell tissue culture to support cell based assay development.
2. Utilize RNAi techniques (siRNA, lentiviral shRNA) and/or lentiviral Cas9-based silencing in cell culture systems to generate relevant controls.
3. Help design and independently perform assays to generate proof-of-concept data for molecular biological (HTRF, MSD, ELISA) and cell-based assays (viability, reporter) compatible with medium-throughput screening to characterize 100-1000s of small molecule candidates.
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.

### **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 is also highly desirable.