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| Position      | <b>Scientist, RNA Biology</b>   |
| Supervisor    | Neil Kubica, PhD; Director of RNA Biology   |
| 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. By targeting specific RNA structure/function relationships, Arrakis will generate drug candidates with novel mechanisms of action for high-value molecular targets that are challenging to address via more traditional protein-centric approaches. Our efforts span a wide range of disease areas including oncology, neuroscience and rare disease, with a focus on indications with high unmet medical need.

Modulating RNA biology with small molecules is core to the mission at Arrakis. The initial focus of our TRYST™ platform is modulating mRNA translation rates. We are currently expanding our strategy to include additional mechanisms of action with an emphasis on mRNA degradation. We are seeking a lead scientist to develop/deploy platform technologies to monitor the impact of RNA targeting small molecules on this critical step in RNA biology and to lead proof-of-concept programs to demonstrate the utility of the platform(s).

A successful candidate will have a Ph.D. in molecular biology, cell biology, or equivalent, direct experience in the field of mRNA degradation, and proven track-record of scientific excellence as evidenced by a strong publication record.

### **Key Outcomes:**

1. Select therapeutically relevant targets that are particularly well-suited for mRNA degradation modulation in collaboration with the leadership team with the goal of establishing new drug discovery programs.
2. Design and establish in vitro and/or cell-based mRNA degradation assays compatible with medium-throughput screening to characterizing 100-1000s of small molecule candidates.
3. Internalize appropriate NGS methodologies to assess the global impact of lead molecules on mRNA half-life.
4. Work effectively with a cross-functional biology, informatics, assay development and chemistry team to deliver high-quality results on aforementioned objectives 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 produce significant output with minimal wasted effort. Focuses on key priorities. Does not let important details slip through the cracks or derail a project. 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. Demonstrates ability to proficiently understand new information. 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. Let's others speak and seeks to understand their viewpoints. Often solicits feedback and reacts calmly to objective feedback. Speaks, writes, and presents clearly without being overly verbose. Able to convince others to pursue a course of action. Able to communicate the big picture in an inspiring way. Exhibits passion and excitement over work. 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.** Strong In the areas of molecular biology, cell biology and biochemistry with an emphasis on methodologies highlighted in the Key Outcomes section.