

## Clark Atlanta University Job Description

<b>Position Title:</b>	<b>Research Technician</b>
<b>Employee:</b>	
<b>Department:</b>	<b>CCRTD</b>
<b>Reports To:</b>	<b>Dr. Daqing Wu, Ph.D.</b>

*The following statements are intended to describe the general nature and level of work to be performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified.*

### **General Function (Description):**

The technician will be involved in an NIH-funded project to develop novel therapeutic agents for advanced cancers. Responsibilities of this position will include multiple aspects of scientific research including data collection, assay development and execution, and project management. Prior experience with rodent work is highly preferred.

### **Examples of Duties and Responsibilities:**

1. Perform laboratory maintenance duties such as autoclaving, dishwashing, and technical equipment maintenance. Maintain inventory of chemicals, media and other supplies. Proper disposal of biohazardous waste. Maintain a clean and sterile lab environment. Assist with research-associated administration duties such as package shipping and receiving.
2. Produce and record data, interpreting and analyzing the results of experimental assays. Organize and present data at lab meetings. Support submission of data and preliminary results for grants.
3. Assist with the design of experimental protocols. Perform multiple assays in cell/molecular biology including qPCR, Western Blotting, and immunohistochemistry. Use light and confocal microscopy to analyze samples. Prepare drugs and reagents for laboratory and rodent work. Manage mice/rats and maintain tumor xenograft lines. Perform tumor growth assays with rodents, perform surgeries, and dissect major tissue when necessary.
4. Work with multiple investigators within the laboratory. Professionally communicate with investigators and colleagues concerning the affected workflow, time limitations, and project status.
5. Assist the PI train undergraduate/graduate students on processes and procedures needed. Assist the PI, postdoctoral fellows and students in their experiments.

### **Knowledge, Skills and Abilities**

Candidates should have a solid background in biology, chemistry, pharmacology, and animal models. Expertise in laboratory teaching and training is highly desired. Successful candidates should be self-motivated and career-oriented to join an exciting research team consisting of basic researchers, translational scientists and clinicians.

### **Minimum Hiring Standards:**

<b>Education</b>	B.S. degree in biology, chemistry or the biomedical-related sciences.
<b>Years of Experience Required</b>	One year of laboratory training
<b>Years of Management/Supervisor Experience</b>	n/a