

position description

Date:

Title: Research Assistant 2

Department:

School:

Location:

Supervisor Name and Title:

****Highlighted areas are required if the position is working with animals.**

POSITION OBJECTIVE

Working under general supervision, plan and carry out research project in accordance with general plans. This position will work with animals.

Example: Working under general supervision, the Research Assistant 2 will plan and carry out

quality control and quality assurance responsibilities of the laboratory setting. This position will work with animals

Example: Working under general supervision, the Research Assistant 2 will plan and carry out experimental work to investigate novel anti-cancer target and drug development pancreatic aimed at understanding pancreatic cancer biology. The research assistant will perform experiments ranging from in vitro cell culture to in vivo animal models, supporting laboratory members and laboratory maintenance. The research will help expand knowledge of the metabolic aspects of pancreatic cancer with long-term goals of translating into pancreatic patient treatments. This position will work with animals.

ESSENTIAL FUNCTIONS

1. Plan and carry out project in accordance with general plans.

Instruction: Describe the type of research work the position will be planning. Describe the techniques the position will be using to perform the research.

Example: Plan and carry out in vitro and in vivo animal experiments for various research projects. Conduct cell culture of established and primary cell lines, cell proliferation, clonogenic survival, DNA/RNA extraction, immunoblot, PCR, plasmid cloning and purification, maintain laboratory reagents including buffers and medias, and measure weight and tumor size in control and experimental mice.

Example: Plan and carry out research involving cell culture of established and primary cell lines, cell proliferation, clonogenic survival, DNA/RNA extraction, immunoblot, PCR, plasmid cloning and

6. Train new staff; direct the work of students

Instruction: Describe if there are specific staffmembers/students the position will be directing or training and any particular areas of research the position will be training in.

Example: Train new staff regarding standard laborato

Resource Center's mission. Must handle animals with care and respect at all times.

- 8. Must be able and willing to learn new techniques, procedures, processes, and computer gear to protect the health of the animals.*
- 9. Previous experience working with animals preferred.*

