



CLARK ATLANTA UNIVERSITY

Job Description

Position Title:	Research Associate
Department:	Cancer for Cancer Research and Therapeutic Development
Reports To:	Geou-Yarh Liou, assistant professor

The following statements are intended to describe the general nature and level of work to be performed and are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified. All duties listed are essential functions for the position. It is understood that other related duties may be assigned.

General Function (Description):

Research Associate is responsible for performing research projects in biochemistry, cancer cell biology and molecular biology in the field of prostate and pancreatic cancer. The selected researcher will also be expected to design, execute and interpret laboratory experiments as well as to prepare manuscripts.

Examples of Duties and Responsibilities:

Experiments in molecular biology, protein biochemistry and cell biology, e.g., plasmid purification, cloning, immunoblots, cell proliferation, immunocytochemistry, growth of recombinant bacteria and/or mammalian cells.

- Assist with the design of experimental protocols and maintenance of laboratory.
- Keep meticulous records of all experiments performed and write interpretations of obtained data. In addition, participate in research manuscript preparation.
- Assist in training undergraduate and graduate students.

Knowledge, Skills and Abilities:

Ability to make arithmetical calculations as a part of scientific experiments.

- Ability to keep clear records, to perform duties efficiently and work with other members in the lab.
- Knowledge in mammalian cell culture, biochemistry and molecular biology techniques.
- Skills in manipulation of nucleic acids (including RNA isolation, PCR cloning) and of mammalian cell culture.
- Ability to safely handle radioactive materials and biohazardous material.
- Ability to understand oral and written instructions of scientific nature.
- Ability to prepare data for scientific publications.
- Ability to operate laboratory equipment and instruments.

Minimum Hiring Standards:

Education	M.S. degree in the field of biology, biochemistry, physiology or similar majors
Years of Experience	One to two years of previous laboratory experience.
Years of Management/Supervisor Experience	Minimum of one to two years.