



Clark Atlanta University Job Description

Position Title:	Research Scientist
Employee:	TBN
Department:	Center for Cancer Research and Therapeutic Development (CCRTD)
Reports To:	Dr. Bekir Cinar

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 Research Scientist will perform research on a federally funded project in molecular biology, protein biochemistry, cell and cancer biology, and animal studies. The following responsibilities will be expected:

1. Conduct active lab research on a semi-independent basis: design and evaluate experiments; develop new ideas that promote current research; prepare and publish scientific manuscripts under the direction of the Principal Investigator (PI); strongly encourage to secure funding under the supervision of the PI; attend and give seminars; bring new expertise to the research program, particularly in the context of the tumor microenvironment and tumor immunology *in vivo* methodology.
2. Other responsibilities: (i) teach techniques to other lab personnel; (ii) train and oversee technicians as determined by Principal Investigator; (iii) may be responsible for the operation of specific equipment; and (iv) help further goals of the lab.
3. Perform other duties as assigned by the supervising scientist.
4. Actively seek opportunities that will competitively transition to an independent research/academic career.

Examples of Duties and Responsibilities:

- Conduct molecular biology and protein biochemistry experiments, e.g., nucleic acid purification, cloning, protein purification, immunoassays, and recombinant bacteria and mammalian cell growth
- Perform *in vivo* studies in mice, such as tumor cell injection and tumor tissue collection
- Assist in designing experimental protocols for lab personnel and maintaining the laboratory
- Keep meticulous records of all experiments performed and write interpretations of data obtained
- Assist in the training of graduate and undergraduate students
- Write manuscripts and publish reviews and research articles
- Assist in ordering research supplies, materials, and equipment

Knowledge, Skills, and Abilities

- Ability to do scientific calculations as a part of scientific experiments

- Ability to keep meticulous records
- Ability to perform duties independently
- Knowledge of mammalian cell culture, *in vivo* biology, biochemistry, molecular biology, and immunochemical techniques
- Ability to safely handle radioactive materials and biohazardous material
- Ability to understand oral and written instructions of scientific nature
- Ability to write and orally communicate scientific data at a professional level
- Ability to follow department policies, procedures, and regulations
- Ability to operate laboratory equipment and instruments
- Ability to write manuscripts and research proposals

Minimum Hiring Standards

Education	Ph.D., MD, MD/Ph.D. or DVM in fields related to the biomedical sciences
Years of Experience Required	More than four years of research experience post Ph.D. award or must have published one first-authored manuscript in relevant areas to listed job duties
Years of Management/Supervisor Experience	More than three years
Requirements:	Applicants should send a CV, cover letter stating career interests, and two to three letters of reference to Bekir Cinar, Ph.D., Full Professor, Center for Cancer Research and Therapeutic Development, Clark Atlanta University, Atlanta, GA 30314 to bcinar@cau.edu

Employee

Date

Manager/Supervisor

Date

Human Resources

Date