

Clark Atlanta University

Job Description

Position Title:	Postdoctoral Research Associate/Scientist
Employee:	TBN
Department:	CCRTD/RCMI/Project 3
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 Postdoctoral Research Associate/Scientist (PRA/S) will conduct research on an NIH-funded project focused on cell and molecular biology, protein biochemistry, and cancer biology, including animal studies. The PRA/S is expected to conduct laboratory research on a semi-independent basis, including designing and executing experiments, developing new ideas that advance current research, and preparing and publishing scientific manuscripts under the direction of the Principal Investigator (PI). The PRA/S is also expected to attend and deliver seminars and bring new expertise to the research program, particularly regarding the tumor microenvironment or cancer drug testing in vitro and in vivo tumor models. Other responsibilities include teaching laboratory techniques to other lab personnel, supervising graduate and undergraduate students as determined by the PI, and contributing to the overall goals of the lab. Additionally, the individual will perform other duties as assigned by the PI and actively pursue opportunities to transition to an independent research or academic career.

Examples of Duties and Responsibilities:

- Conduct molecular biology and protein biochemistry experiments, including nucleic acid purification, cloning, protein purification, immunoassays, and culture of recombinant bacteria and mammalian cells.
- Perform in vivo studies in mice, such as tumor cell injections and tumor tissue collection.
- Assist in designing experimental protocols for laboratory personnel and maintain the laboratory environment.
- Maintain meticulous laboratory records of all experiments and write interpretations of the data.
- Support 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 perform scientific calculations related to experiments.

- Strong attention to detail in record-keeping.
- Capability to work independently.
- Experience mammalian cell culture, in vivo biology, biochemistry, cell and molecular biology, cancer biology, and immunology assays.
- Proficiency in safely handling chemical and biohazardous materials.
- Ability to understand oral and written scientific instructions.
- Competence in writing and orally communicating scientific data at a professional level.
- Follow department policies, procedures, and regulations effectively.
- Skill in operating laboratory equipment and instruments.
- Ability to write manuscripts and research proposals.

Minimum Hiring Standards

Education	The applicant must have a Ph.D., MD, MD/Ph.D., DVM, or equivalent degree in biological and biomedical sciences, preferentially Cell and Molecular Biology, Biochemistry, Cancer Biology, Immunology, etc.
Years of Experience Required	Postgraduate research experience is preferred but not required. A first-authored or second-author manuscript in relevant areas related to the listed job duties is preferred.
Years of Management/Supervisor Experience	Supervisory experience is preferred but not required.
Requirements:	Applicants should send a CV, a cover letter stating their career interests, and two to three letters of reference to Bekir Cinar, Ph.D. in PDF via email at bcinar@cau.edu.

Employee

Date

Manager/Supervisor

Date

Human Resources

Date