Postdoctoral Fellow in Nutritional Sciences
Auburn University

Job Title	Postdoctoral Fellow in Nutritional Sciences
Department	Nutritional Sciences
Institution	Auburn University Auburn, Alabama
Date Posted	Mar. 24, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Faculty Associate Post-Doc
Academic Field(s)	Biology - Molecular Biology - Cell Biology Biology - General Sciences - General
Job Website	https://www.auemployment.com/postings/51754
Apply By Email	

Job Description

Job Summary:
The position is suitable for a biological sciences postgraduate (Ph.D.) with a background in cell and/or molecular biology, tissue engineering, or animal physiology. The research projects will involve investigating obesity linked diseases at the molecular, cellular, and whole animal levels. The successful candidate will work in close collaboration with the laboratory of Elizabeth Lipke, PhD in the Department of Chemical Engineering, Auburn University and participate in activities associated with the Boshell Diabetes and Metabolic Disease Research Program at Auburn University. The funded NIH project (5R01CA267170-03) is examining modulation of the tumor microenvironment and obesity-related colorectal cancer (CRC) disease progression using tissue-engineered patient derived xenograft

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(PDX) CRC models validated through comparison to patient tumors and PDX tumors.

**This is a one-year limited term appointment; continuation of employment is contingent upon availability of funding and job performance. **

This job description is not meant to be restrictive or exhaustive and duties may change in response to changing circumstances. These will be discussed with the position holder.

Primary responsibilities include, but are not limited to the following:
1. Working with mouse models of cancer including patient derived xenograft models and performing tumor cell dissociation experiments from mouse models and cancer patients
2. Performing experiments in mouse models of obesity, including but not limited to: genotyping animals; assessing metabolic phenotypes; and harvesting tissues and whole blood
3. Performing cell and molecular biology, biochemical, and tissue culture experiments.
4. Supervising Graduate and Undergraduate Students.
5. Sharing general house-keeping duties with other staff working in the laboratory.
6. Presenting data, current projects and results at internal seminars and at external meetings and conferences as required.
7. Assisting in manuscript and grant writing.
8. Following Auburn University health and safety policies and other rules as appropriate.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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