POSITION ANNOUNCEMENT

POSITION: Post-Doctoral Associate, Faculty/Staff, Non-Tenured, continuing contractual
Position # 126951

POSITION SUMMARY/PURPOSE OF POSITION:
A post-doctoral associate position is available in the field of animal/ poultry science, liver physiology and
nutrition. Projects will involve investigating mechanisms regulating liver mitochondrial function during
various nutritional and physiological states and during the pathophysiology of liver disease. Our
laboratory uses techniques including stable isotope based profiling of metabolism using techniques in
mass spectrometry, in combination with measures in molecular biology to understand cellular
mechanisms regulating liver function. Research will include the use of in vitro and in vivo models of liver
metabolism, derived from diet-induced insulin resistant mice and/or embryonic and neonatal chicken.
Opportunities and training in experimental design, data analysis and processing, mentoring and laboratory
management, grant writing and manuscript preparation are available through this position. Contact
Nishanth E. Sunny, Ph.D., at nsunny@umd.edu for more information about this position.

MINIMUM QUALIFICATIONS:
We seek an outstanding scientist with a Ph.D., obtained no earlier than 2018, in the broad areas of animal
or poultry science, nutrition, physiology and metabolism. Only applicants who are currently legally able
to work in the U.S. will be considered for this position.

PREFERENCES:
Preference will be given to candidates with previous experience in investigating cellular mechanisms
utilizing whole animal (e.g. mice, chicken) models and/or in vitro cell culture systems. Experience in
investigating the metabolism of the liver under normal physiology or insulin resistance is desirable.
Training in mass spectrometry based techniques is also desirable. Knowledge of a variety of routine
molecular techniques to investigate cellular metabolism is highly desirable. Candidates with strong
interdisciplinary training in the areas of animal/ poultry science, physiology, nutrition and metabolism are
encouraged to apply.

COMPENSATION:
Salary is highly competitive and commensurate with qualifications. Fringe benefits are offered.

APPLICATION:
Applicants must apply through eTerp at https://ejobs.umd.edu/. Candidates should upload CV and cover
letter with a brief description of previous research experience and contact information of three
professional references.

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