



Research assistant: A research assistant position is available at Burnett School of Biomedical Sciences, University of Central Florida. The Gupta Lab research focuses on understanding the mechanism of heart failure using rodent models. In addition, we are studying the role of toxic drugs on cellular function, ER stress and metabolism. Research assistant will assist the PI in collection and evaluation of research data, support ongoing and new projects as assigned.

Responsibilities:

- Maintaining multiple transgenic mouse colonies
- Preparing data and reports for projects
- Maintaining up to date laboratory notebook and laboratory protocols
- DNA extraction from mammalian tissue and bacteria
- Isolation of primary cells from mouse, maintaining different mammalian cell lines
- Ability to run ELISA, western blotting, PCR and RT-PCR independently
- Ability to perform histology and take images using advance microscopy
- Oversee lab supplies and routine maintenance of laboratory equipment.
- Perform other general lab duties as assigned by PI

Qualifications:

- Bachelor or Master's degree in Biological Science with minimum one year of research experience in a related field
- Experience in rodent handling and colony maintaining is highly desirable
- Ability to learn research techniques and new software as needed
- Knowledge of scientific writing and good communication skills desirable
- Self-motivated, have good attention to detail and able to work in a team

This is an Full-Time (40 hours), OPS (non-benefit earning) position, however health insurance is offered -

To apply, please email at Manish.Gupta@ucf.edu with CV and contact information of three (3) references. Salary is negotiable based on experience and qualification.