

## Research Assistant/Analyst

A research assistant/analyst position is immediately available in the laboratory of Dr. Shadab A. Siddiqi in the Burnett School of Biomedical Sciences, College of Medicine at the University of Central Florida, Orlando, to study the intracellular lipoprotein trafficking in primary hepatocytes. Research assistant/analyst will assist the PI in obtaining and analyses of research data for current and new projects and will have the following responsibilities:

- Small animal handling, isolation and culture of primary rat hepatocytes; carry out required small surgeries to perfuse liver to isolate primary rat hepatocytes.
- Label primary cells with radioisotopes metabolically.
- Isolate and purify subcellular organelles like endoplasmic reticulum (ER), cis- and trans-Golgi, cytosol etc.
- Perform various in vitro assays (such as ER-budding, VTV-Golgi docking and fusion, SNARE-formation etc.) as required for the project.
- Isolate and purify VLDL transport vesicles from primary rat hepatocytes using in vitro vesicle-budding assay and various sucrose density or iodixanol gradients as needed for the project.
- Western blotting, co-immunoprecipitation, 2D-gels, 2D-DIGE, histology/confocal microscopy, lipid analyses including isolation of triglycerides from the ER, Golgi, VTV and PGVs.
- 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 ability to learn research techniques as needed.
- Self-motivated, have good attention to detail and able to work in a team.

This is a Full-Time (40 hours), OPS (non-benefit earning) position; however, health insurance is offered. Candidates who are eligible, highly motivated and interested are encouraged to apply. Send CV, summary of research experience and contact information for three references to: [shadab.siddiqi@ucf.edu](mailto:shadab.siddiqi@ucf.edu). Salary will be based on experience and qualifications.

UCF is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply, including minorities, women, veterans and individuals with disabilities. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, age, disability or national origin.