Research Technician, Cancer Immunology

A new research-based technician position is available immediately in Dr. Hung Nguyen Lab at the UCF Burnett School of Biomedical Sciences at the Lake Nona campus.

The Nguyen lab focuses on studying the role of cell metabolism, ER stress, and complement in cancer, infectious and autoimmune disease. We will use multiple mouse- or human-to-mouse xenograft models of transplantation or viral infection to understand the immunological mechanisms of immunotherapy including adoptive T-cell transfer and hematopoietic stem cell transplantation. Our Lab is seeking an outstanding technician to work on implementing innovative analysis to investigate the roles of T-cells in various models of cancer, autoimmune, and infectious diseases.

Responsibilities include:

- **Lab management** and organization: oversee lab supplies and routine maintain equipment
- **Maintaining mouse colonies** (Experience with mouse genotyping)
- Initiate and carry out scientific projects, under the supervision of Dr. Nguyen
- Theoretical knowledge in microbiology, immunology, metabolism, and molecular biology techniques.
- Knowledge of sterile/aseptic techniques
- Demonstrated ability to follow written and verbal protocols, techniques, and instructions.
- Experience with the operation of a personal computer and software applications, such as Microsoft Office (Word, Excel, and Power point), GraphPad Prism, Flowjo, and Image J.
- Ability to perform basic PCR, ELISA, Western Blot, and cloning techniques.

Bachelor's degree with previous research lab experience is required:

- Experience with **flow cytometry** is required (mass cytometry experience preferred)
- **Mouse handling techniques**: intravenous injection,
- Obtaining peripheral blood, bone marrow, and spleen samples from animal models and processing of same for flow cytometric and in vitro assays,
- Good organization skills
- An ability to learn new techniques and troubleshoot assays
- Good team player, independent, self-driven with good interpersonal skills
- Computer programming or bioinformatics skills would be very advantageous

To apply, please email 1) cover letter 2) CV, and 3) contact information for two to three references to Dr. Hung Nguyen: hung.nguyen@ucf.edu.

This is an OPS hourly (non-benefit earning) position, however health insurance may be offered.