

# Postdoctoral Position

The University of Florida, Gainesville, Florida



**The Department of Infectious Diseases and Immunology at the University of Florida (UF)** invites applications for a highly motivated **Postdoctoral Associate** to join our team. The PI is **Liang Zhou, M.D., Ph.D.** This Postdoctoral Associate position is immediately available to study mucosal immunology, focusing on T cells and innate lymphoid cells, at Dr. Liang Zhou's laboratory at the University of Florida, Gainesville. The Zhou lab utilizes a combination of molecular, cellular immunology, mouse genetics, and animal models of human disease to determine the transcriptional and metabolic regulation of T cells and other related lymphocytes (e.g., innate lymphoid cells-ILCs) in health and disease (e.g., autoimmunity, infection and tumor immunity). The lab has contributed significantly to the field of immunology and microbiome-host interactions (*Cell* 126:1121; *Nature* 453:236; *Nature Immunology* 8:967; *Immunity* 36:92; *Immunity* 39:386; *Immunity* 40:25; *Journal of Immunology* 193:3934; *Immunity* 45:185; *Cell Rep.* 21:2277; *Immunity* 49:915; *Cell Rep.* 28:159; *PNAS* 116:24760; *Science Immunology* 5:eaaz7277; *Nature Communications* doi: 10.1038/s41467-021-24755-9). The candidate is expected to work with animals, including germ-free mice, and also has the opportunity to work with human samples through collaboration with the College of Medicine. For more information, please check the website: <https://www.vetmed.ufl.edu/profile/zhou-liang/>

The position will be funded by NIH R01 grants and Burroughs Wellcome Fund. The salary is commensurate with experience according to NIH standards. This is a multi-year position with renewal based on job performance. The successful candidate will also have career development opportunities, including promotion to research track faculty/professor at UF.

The city of Gainesville, Florida was founded in 1869 and is home to Florida's flagship university, the University of Florida. Gainesville is known for world-class education and health care, as well as its reasonable cost of living. U.S. News & World Report recently named the University of Florida the No. 6 public university in the country. The environment is warm, sunny, and perfect for outdoor recreation with plentiful nature footpaths, year-round natural springs, mountain biking trails, annual festivals, craft breweries, and state parks. Gainesville is a hub for arts and culture, innovation, sports, and local cuisine.



## Qualifications:

- Recent Ph.D. in Basic Science/Immunology with strong in vitro and in vivo laboratory skills in immunology
- Previous experience with animal models, traditional biochemical and molecular assays, and cellular immunology (e.g., FACS) is required
- Experience in the analysis of genetically altered mice, ChIP-Seq, RNA-Seq, ATAC-seq, and bioinformatics are a plus
- Highly motivated, productive, and energetic candidates are preferred

For full consideration, qualified candidates should send a Curriculum Vitae, a cover letter outlining career goals and objectives, and a list of three professional references to Liang Zhou, M.D., Ph.D. [liangzhou497@ufl.edu](mailto:liangzhou497@ufl.edu). After initial evaluation, successful candidates will further be requested to write a one-page future research proposal. Hiring is contingent upon eligibility to work in the US. Searches are conducted in accordance with Florida's Sunshine Law.