

Postdoctoral Positions available to study *Trichomonas vaginalis* at UCLA

The laboratory of Patricia Johnson at University of California Los Angeles (<https://www.mimg.ucla.edu/people/patricia-johnson-ph-d/>, <https://researchfeatures.com/wp-content/uploads/2018/05/Patricia-Johnson.pdf>) is hiring postdoctoral fellows to study pathogenic mechanisms that allow the sexually-transmitted parasite *Trichomonas vaginalis* to establish and maintain an infection. Positions are available for two projects. The goal of the first is to determine how parasite-secreted, extracellular vesicles (EVs) interact with the host and modulate infection (<https://www.pnas.org/content/116/43/21354.short>, <https://pubmed.ncbi.nlm.nih.gov/32822680/>, <https://pubmed.ncbi.nlm.nih.gov/23853596/>). The second project aims to identify both parasite and host cells factors critical for neutrophil killing of parasites using trogocytosis (<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.2003885>, <https://pubmed.ncbi.nlm.nih.gov/30056833/>) and to determine why some *T. vaginalis* clinical isolates are killed by trogocytosis while others are resistant to killing.

Qualifications: Both projects require an ability to design and execute experiments, interpret data, and co-author peer-reviewed research papers. Candidates should have experience with basic molecular & cellular biological techniques, as well as cell culture, microscopy, and biochemical analyses. A Ph.D. or D.Sc. degree is required at the time of hire. Preference will be given to early-stage postdoctoral applicants with demonstrated interests in parasitology or host: pathogen interactions.

To apply please send a CV and the names and contact information of 3 referees to: johnsonp@ucla.edu