Post-doctoral positions may become available throughout the year to study viral pathogenesis (retrovirus, flavivirus) in humanized mice.

We are a molecular pathology/immunology laboratory that utilizes humanized mouse models (BLT, Rag-hu) to study Human immunodeficiency/Simian immunodeficiency virus (HIV/SIV) as well as Zika pathogenesis. Currently funded NIH (R01) projects include using humanized mice to investigate HIV-1 latency, antiretroviral therapy for pre/post-exposure prophylaxis, and evaluation of genomic changes involved in the evolution of SIV to HIV. Additional projects include CRISPR/Cas and modeling of Zika pathogenesis. The candidate will participate in several aspects of viral (HIV-1, HIV-2, SIV, Zika) pathogenesis and immunological research using humanized (BLT, Rag-hu) mice and in vitro models. See representative work: Neff CP et al Science Translational Medicine 3:66ra6, 2011, Veselinovic M et al Virology 489:173, 2016, Akkina R et al AIDSRes Hum Retroviruses 32:109, 2016, Bennett M et al Viruses 12:3119, 2013.

To apply go to: http://jobs.colostate.edu/postings/38184

This pool will expire on March 31, 2017. Individuals wishing to be considered beyond this date must reapply.

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.