The O’Doherty laboratory in the Department of Pathology at the University of Pennsylvania is seeking a highly motivated Postdoctoral Research Fellow to lead an NIH-funded project investigating mechanisms of HIV persistence on antiviral therapy. The goal of this work is to explore how HIV infection affects the fate of a cell, specifically how it influences the chance that the infected cell will live, die or divide. By studying the genetic makeup of HIV over time in unique HIV cohorts with variable immune control, we are gathering clues to determine which conditions favor reservoir clearance and which conditions favor reservoir expansion (by cell division). We complement this work with an in vitro and ex vivo model that enables us to test hypotheses related to HIV persistence. We envision our models to be used also in preclinical studies.

Interested candidates must have a Ph.D. and/or an M.D. and have less than three years of postdoctoral experience. Applications should have a strong background in molecular biology, immunology, virology, bioinformatics, or computer science. Excellent oral and written communication skills are required as is the ability to work as part of a team. Salary will be commensurate with experience and will follow the NIH guidelines. To apply, send a cover letter, CV, and contact information for three references to:

Una O’Doherty
University of Pennsylvania
705 Stellar Chance Laboratory
unao@pennmedicine.upenn.edu