



Derek Abbott, M.D., Ph.D.
Assistant Professor of Pathology

The 2012 winner of the Dolph O. Adams is Dr. Derek Abbott. Dr. Abbott is an Assistant Professor of Pathology at Case Western Reserve University School of Medicine. Dr. Abbott obtained his MD and PhD degrees from Vanderbilt University. After the completion of his medical school requirements in 2000, Dr. Abbott continued his clinical training in Anatomic Pathology at Brigham and Women's Hospital in Boston, MA. After completing his residency and obtaining Board Certification in Anatomic Pathology, Dr. Abbott joined the lab of Dr. Lewis Cantley in the Department of Systems Biology at Harvard Medical School. While in Lew Cantley's lab, Dr. Abbott began deciphering the signal transduction cascade initiated bacterial activation of the Crohn's disease and sarcoidosis susceptibility gene NOD2 and became a Burroughs Wellcome Investigator in 2006. After leaving Harvard to start his independent lab in 2006, the Abbott lab has focused on unraveling the core NOD2 signaling pathway such that the pathway might be manipulated pharmacologically for clinical gain. This focus has recently led to the identification of small molecule inhibitors of the NOD2 pathway that are efficacious in inflammatory disease models.