

## **Egan, Elizabeth**

Elizabeth S. Egan, M.D., Ph.D., is an Assistant Professor of Pediatric Infectious Diseases and of Microbiology & Immunology at Stanford School of Medicine, where she studies host-pathogen interactions involving human erythrocytes and the malaria parasite *Plasmodium falciparum*. In addition to her research, Dr. Egan is an attending physician in Pediatric Infectious Diseases at Stanford's Lucille Packard Children's Hospital. Dr. Egan received her undergraduate degree from Barnard College of Columbia University in New York City, and her MD and PhD in Genetics from Tufts University School of Medicine in Boston. For her Ph.D. research she worked in Matthew Waldor's laboratory studying genetic determinants of chromosome replication in *Vibrio cholerae*. She completed her clinical training in Pediatrics and Pediatric Infectious Diseases at Boston Children's Hospital. As a postdoctoral fellow in Manoj Duraisingh's laboratory at the T.H. Chan Harvard School of Public Health, she pioneered the first genetic screen to identify erythrocyte host factors for *P. falciparum* using red blood cells derived from hematopoietic stem cells. Dr. Egan has received various awards for her research including a Clinical Scientist Development Award from the Doris Duke Charitable Foundation, , 2016 New Innovator Award from the National Institutes of Health, and 2018 Young Investigator Award from the American Society of Microbiology. Dr. Egan started her independent laboratory at Stanford in October, 2015. Her current research is focused on understanding the molecular and genetic determinants of human erythrocyte susceptibility to *P. falciparum* malaria infection.