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Laboratory of Malaria Immunology and Vaccinology
<http://www.niaid.nih.gov/labsandresources/labs/aboutlabs/lmiv/Pages/default.aspx>

2009 Patrick Duffy, M.D., has been appointed chief of the newly established Laboratory of Malaria Immunology and Vaccinology (LMIV) at the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health.

Dr. Duffy is the former director of the malaria program at the Seattle Biomedical Research Institute (SBRI), where he led a malaria research training program for young African scientists and coordinated two international consortia seeking to develop vaccines for pregnant women and young children. His research accomplishments include describing how malaria develops during pregnancy, defining the benefits of antibodies that protect pregnant women and their fetuses from malaria, and pioneering the use of functional genomics tools to study malaria parasites in the field.

“Dr. Duffy brings a wealth of scientific expertise to our malaria research program,” says NIAID Director Anthony S. Fauci, M.D. “He is a world-class researcher who will enhance NIAID initiatives to develop and test candidate malaria vaccines here in the United States as well as in malaria-endemic countries.”

As chief of LMIV, part of the NIAID Division of Intramural Research (DIR), Dr. Duffy leads a team studying the immunology of populations at risk of malaria infection to develop more effective strategies for vaccination. LMIV also will build upon the pilot vaccine production and testing capabilities established by the former Malaria Vaccine Development Branch led by Louis H. Miller, M.D. Dr. Miller will continue to be a principal investigator in the Laboratory of Malaria and Vector Research.

“Dr. Duffy oversees a lab that focuses on immunology and vaccinology and conducts basic, translational and clinical research in pursuit of a safe and effective malaria vaccine,” says DIR Director Kathryn C. Zoon, Ph.D. “We thank Lou Miller for his leadership and accomplishments in building the foundation for this new lab.”

Prior to working at SBRI, Dr. Duffy was director of preclinical vaccine development in the malaria program at Walter Reed Army Institute of Research, where he also served as an infectious disease officer in the department of immunology. He received his postdoctoral training in malaria research at NIAID after earning his medical degree from the Duke University School of Medicine.