

**Workshop on Vasculopathy in Sickle Cell Disease**  
**August 27-28, 2008**  
**Natcher Conference Center, Bethesda, MD**

*Speakers/Session Chairs*

**Kenneth I. Ataga, MD**

Assistant Professor of Medicine  
Division of Hematology/Oncology  
University of North Carolina at Chapel Hill  
Chapel Hill, North Carolina  
*Presentation Title: Hemostatic Activation in Sickle Cell Disease*  
*August 28, 2008 8:00 AM - 8:30 AM*

**Françoise Bernaudin, MD**

Pédiatrie  
Reference Center for Sickle Cell Disease,  
Pédiatries, Centre Hospitalier  
Intercommunal Creteil  
Créteil, France  
*Presentation Title: Hemolytic Rate and Risk of Stroke in Children with Sickle Cell Disease*  
*August 28, 2008 8:30AM-9:00AM*

**Hunter C. Champion, MD, PhD**

Assistant Professor of Medicine  
Johns Hopkins University  
Baltimore, Maryland  
*Presentation Title: Low Nitric Oxide Bioactivity and Priapism*  
*August 28, 2008 9:00AM-9:30AM*

**Mary E. Fabry, PhD**

Professor of Medicine  
Albert Einstein College of Medicine  
Bronx Comprehensive Sickle Cell Center  
Bronx, New York  
*Session Chair: Hemostatic Activation and Genomics of Vasculopathy*  
*August 28, 2008 8:00AM - 10:30AM*

**Bruce Freeman, PhD**

Irwin Fridovich Professor  
Chair of Pharmacology  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania  
*Presentation Title: Catalytic Nitric Oxide Scavenging by Oxidases and Oxygenases*  
*August 27, 2008 2:10PM - 2:40PM*

**Paul S. Frenette, MD**

Professor of Medicine  
Mount Sinai School of Medicine  
New York, New York  
*Presentation Title: Mediators of Cell Adhesion in Sickle Cell Disease*  
*August 27, 2008 3:30PM-4:00PM*

**Mark T. Gladwin, MD**

Chief, Pulmonary and Vascular Medicine Branch  
National Heart, Lung, and Blood Institute  
NIH, DHHS  
Bethesda, Maryland  
*Presentation Title: Nitric Oxide Scavenging by Cell-Free Plasma Hemoglobin*  
*August 27, 2008 1:40PM-2:10PM*

**Robert P. Hebbel, MD**

Regents Professor  
George Clark Professor  
Director, Vascular Biology Center  
Medical School  
University of Minnesota

Minneapolis, Minnesota

*Session Chair: Vascular Dysfunction and  
Cell Adhesion*

*August 27, 2008 3:00PM - 5:00PM*

*Presentation Title: Oxidation, Hemostatic  
Activation and Adhesion*

*August 27, 2008 1:10PM - 1:40PM*

**Cheryl A. Hillery, MD**

Assistant Professor of Pediatrics,  
Hematology/Oncology  
Medical College of Wisconsin  
Milwaukee, Wisconsin

*Presentation Title: Endothelial Dysfunction  
in the Sickle Cell Mouse*

*August 27, 2008 4:00PM - 4:30PM*

**Lewis L. Hsu, MD, PhD**

Associate Professor of Pediatrics  
St. Christopher's Hospital for Children  
Philadelphia, Pennsylvania

*Session Chair: Translational Therapeutics*

*August 28, 2008 10:50AM - 11:50AM*

**Henrietta D. Hyatt-Knorr, MA**

Director, Policy and Program Planning and  
Analysis

Office of Rare Diseases

Office of the Director

NIH, DHHS

Bethesda, Maryland

*Presentation Title: Welcome Remarks*

*August 27, 2008 1:05PM - 1:10PM*

**David A. Kass, MD**

Abraham and Virginia Weiss Professor of  
Cardiology

Professor of Medicine

Professor of Biomedical Engineering

Johns Hopkins Medical Institutions

Baltimore, Maryland

*Presentation Title: NOS Uncoupling*

*August 28, 2008 2:50PM – 3:20PM*

**Gregory J. Kato, MD**

Senior Staff Physician, Critical Care  
Medicine Department

Director, Sickle Cell Vascular Disease Unit

National Heart, Lung, and Blood Institute

NIH, DHHS

Bethesda, Maryland

*Session Chair: Atherosclerosis: Parallels  
with*

*Sickle Vasculopathy?*

*August 28, 2008 1:20PM - 3:40PM*

*Presentation Title: Vascular targets for  
small molecule therapeutics*

*August 28, 2008 10:50AM - 11:20AM*

**Dhananjay K. Kaul, PhD**

Professor of Medicine

Albert Einstein College of Medicine

Bronx, New York

*Presentation Title: Nitric Oxide*

*Resistance in the Sickle Cell Mouse*

*August 27, 2008 3:00PM - 3:30PM*

**Anh Le, PhD**

Associate Professor of Medicine

Director, Emory Lipid Research Laboratory

Emory University and Atlanta VA Medical

Center

Atlanta, Georgia

*Presentation Title: The Role of*

*Hypertriglyceridemia in Atherosclerosis*

*August 28, 2008 1:20PM-1:50PM*

**Daniel Levy, MD**

Professor of Medicine  
Boston University School of Medicine  
Framingham, Massachusetts  
*Presentation Title: Systolic Hypertension in Vasculopathy: Lessons from the Framingham Heart Study*  
August 28, 2008 2:20PM - 2:50PM

**Claudia R. Morris, MD**

Director of Fellowship Research  
Children's Hospital Oakland Research Institute  
Oakland, California  
*Presentation Title: Glutathione Dysregulation in Sickle Cell Disease*  
August 27, 2008 4:30PM – 5:00PM

**Kirkwood A. Pritchard, Jr., PhD**

Professor  
Vice-chair of Research for Surgery  
Director of Translational Vascular Biology Program  
Children's Research Institute  
Milwaukee, Wisconsin  
*Presentation Title: Apolipoproteins in Sickle Cell Vasculopathy*  
August 28, 2008 1:50PM-2:20PM

**Alan N. Schechter, MD**

Chief Molecular Medicine Branch  
Senior Historical Consultant  
National Institute of Diabetes and Digestive and Kidney Diseases  
NIH, DHHS  
Bethesda, Maryland  
*Session Chair: Disrupted Nitric Oxide Metabolism and Oxidative Stress*  
August 27, 2008 1:10 PM - 2:40 PM

**Martin H. Steinberg, MD**

Professor of Medicine, Pediatrics, Pathology and Laboratory Medicine  
Boston University School of Medicine  
Boston, Massachusetts  
*Presentation Title: Genomic Markers of Sickle Cell Priapism and Leg Ulcers*  
August 28, 2008 9:30AM - 10:00AM

**Marie J. Stuart, MD**

Professor  
Department of Pediatrics, Division of Hematology,  
The Marian Anderson Sickle Cell Anemia Research Hematology Laboratories  
Thomas Jefferson University  
Philadelphia, Pennsylvania  
*Session Chair: Vascular Dysfunction and Cell Adhesion*  
August 27, 2008 3:00PM - 5:00PM

**James G. Taylor VI, MD**

Staff Clinician  
Pulmonary and Vascular Medicine Branch  
National Heart, Lung, and Blood Institute  
NIH, DHHS  
Bethesda, Maryland  
*Session Chair: Hemostatic Activation and Genomics of Vasculopathy*  
August 28, 2008 8:00AM - 10:30AM

**Marilyn J. Telen, MD**

Chief, Division of Hematology  
Director, Duke-UNC Comprehensive Sickle Cell Center  
Duke University  
Durham, North Carolina  
*Presentation Title: Genomic Markers of Sickle Cell Pulmonary Hypertension*  
August 28, 2008 10:00AM - 10:30AM

**John Fitzgerald Tisdale, MD**

Senior Investigator  
Molecular and Clinical Hematology Branch  
National Institute of Diabetes and  
Digestive and Kidney Diseases  
NIH, DHHS  
Bethesda, Maryland  
*Session Chair: Translational Therapeutics*  
*August 28, 2008 10:50AM - 11:50AM*

**Tim M. Townes, PhD**

Professor/Chairman, Biochemistry and  
Molecular Genetics  
University of Alabama at Birmingham  
Birmingham, Alabama  
*Presentation Title: Cellular Approaches for*  
*Gene Therapy for Sickle Cell Disease*  
*August 28, 2008 11:20AM - 11:50AM*

**Gregory M. Vercellotti, MD**

Professor of Medicine  
Division of Hematology, Oncology, Transplantation  
University of Minnesota Medical School  
Minneapolis, Minnesota  
*Session Chair: Atherosclerosis: Parallels with*  
*Sickle Vasculopathy?*  
*August 28, 2008 1:20PM - 3:40PM*