

CURRICULUM VITAE
Millicent Sutton MD

Personal Background

Date of Birth: 9/24/56

Marital Status: Single

2 Rockledge Avenue #108
White Plains, New York 10601
(914) 358-9466 home
(646) 256-1575 cell
millicentsuttonm@aol.com

Academic Appointments

- 1986-1987 Clinical Instructor Pediatrics
Department of Pediatrics
College of Physicians and Surgeons
Columbia University
New York, New York
- 1987-1988 Assistant Professor
Department of Pediatrics
College of Physicians and Surgeons
Columbia University
New York, New York
- 1989-1993 Assistant Professor
Department of Medicine/Division Hematology
Department of Pediatrics
Albert Einstein College of Medicine
Bronx, New York
- 1993- 2001 Assistant Professor
Department of Medicine/Division Hematology
Department of Pediatrics
Mt. Sinai School of Medicine
New York, New York
- 2006-2008 Clinical Associate Professor
Department of Medicine/Division Hematology
Mt. Sinai School of Medicine
New York, New York

Hospital Appointments

- 1986-1988 College of Physicians and Surgeons
Columbia University
New York, New York
- 1989-1993 North Center Bronx Hospital
Montefiore Medical Center
Bronx, New York
- 1993- 2000 Director of the Pediatric Sickle Cell Program
Mt. Sinai Medical Center
New York, New York
- 2000-2005 Director Comprehensive Sickle Cell Center
St. Luke's-Roosevelt Hospital Center
New York, New York
- 2007 – 2010 Director, Transfusion Services
Westchester Medical Center
Valhalla, New York

Staff Appointment

- 2006-Medical Director, Precise Match Program, New York Blood Center
- 2007- Assistant Medical Director, NY Blood Services
- 2007- Medical Director Hudson Valley Blood Services

Education

BA Chemistry, Dillard University
New Orleans Louisiana, 1976

MD, Meharry Medical College
Nashville Tennessee, 1980

Post Graduate Training

Pediatric Internship, St. Jude Children's Hospital
Memphis Tennessee, 1980-81

Pediatric Residency

Tulane Medical Center
New Orleans Louisiana, 1981-83

Pediatric Hematology Fellowship

Children's Hospital Philadelphia
Philadelphia, Pennsylvania, 1983-85

Pediatric Oncology Fellowship

Babies Hospital-Columbia Presbyterian Medical Center
New York New York, 1985-86

Transfusion Medicine Fellowship

New York Blood Center,
New York New York, 2005-06

Certifications:

American Board of Pediatrics
American Board of Pediatric Hematology/Oncology
BCLS/ ACLS

Professional Licensures

New York State License 165470
New Jersey State License MA60128 (currently inactive)

Honors/Awards

1999 - Newman Research Fund
Mount Sinai Department of Medicine

2002- Outstanding contributions in clinical research
Sickle Cell Trust Foundation

2005 - "25 Most Influential Black Women in Business "
The Network Journal

Professional Organization

American Society of Hematology

American Society of Pediatric Hematology/Oncology

E. E. Just Scientific Society

American Association of Blood Banking

Blood Bank Association of New York State

Committees

Internal: Advisory Committee of the Clinical Research Center
Mount Sinai Medical Center (1997-99)

Institutional Review Board Mount Sinai School of Medicine (1998-2000)

Admission Review Committee for Underrepresented Minorities
Mount Sinai School of Medical (1997-2000)

External:

Sickle Cell Advisory Committee (SCAC) of New York State

Consultant to Clinical Trial Survey Corporation (CTASC): (2000-2009)

Baby HUGS Study: Multi-centered randomized placebo controlled trial to assess the safety and efficacy of Hydroxyurea in infants (12-24 months) with Sickle Cell Disease

Teaching Responsibilities

Teaching activities	Level	Role	Number of learners	Number of hours Per wk/month/year	Years taught
Medical Ethics Course	Mount Sinai School of Medicine	Instructor	1 st and 2nd yr classes size varied	2-3 hrs/week	1998 - 99
Screening and diagnosis of hemoglobinopathies for Genetics Counselors	Mount Sinai Department of Genetics	Lecturer	15-20	2hrs	1997-99
Inpatient Rounds	Pediatric Hematology/Oncology	Department level	(4-6) per Rotation	2 months/year	1993-2000
Medical Residents noon conference	Mount Sinai	Lecturer	30/lecture	quarterly	1997-2000

Medical Residents noon conference	St Luke's Roosevelt Hospital	Lecturer	30/lecture	3 times /year	2000-2004
Transfusion Medicine/Pathology	New York Presbyterian Hospital	Lecturer	35/lecture	2 hrs	2005
Pathology Residency Lectures	Westchester Medical Center	Lecturer	9/lecture	1hr/month	2008
Transfusion Medicine Program lecture series	New York Blood Center	Lecturer	45/lecture	90 mins Biannually	2006-present
2 nd Year Medical Students Pathology-Pathophysiology	Interactive Problem Solving Sessions	Moderator	11/session	2 hr/month	2008-present

Grants Support

<u>Funding Source</u>	<u>Role in Project</u>	<u>Dates</u>	<u>Direct Cost</u>	<u>Supplemental</u>
NIH 3M01 RR00701 33S1 Induction of fetal hemoglobin production using pulse dosing intravenous Arginine Butyrate in Sickle Cell Disease	Principal investigator/ Mount Sinai School of Medicine	7/1/97-6/30/00	\$50,000	NA
NIH /NHLBI P60 HL28381 Comprehensive Sickle Cell Center	Program Director Clinical Core St. Luke's Roosevelt	9/01/01-03/31/03	\$ 55,104	NA
New York State Newborn Screening/Genetic Service Grant	Principal Investigator/St. Luke's Roosevelt	07-0/02-06/30/05	\$ 45,355	NA

Publications

1. Stulberg, MP, Sutton M, Isham KR: *Under methylation of transfer RNA does not support phase RNA-directed in vitro protein synthesis*. Biochem Biophys Acta 453:(3) 251-2257,1976
2. Poncz M, Sutton M, Delgrosso K and Schawrtz E: *DNA methylation in hereditary persistence of fetal hemoglobin*. Nucleic Acid Research, :15(13): 5169-79, July 1987
3. Pavalukis S, Bello J, Prohovnik I, Sutton M, Ince C, Piomelli S, and DeVivo D: *Brain infraction In Sickle Cell Anemia: Clinical and Cranial Magnetic Resonance Imaging Correlates*. Annals of Neurology, 23: 125-130, Feb 1988.
4. Gaffney JW, Bierman FZ, Donnelly C, Sutton M, Piomelli S: *Cardiovascular adaptation to transfusion/ chelation therapy in patients with homozygous sickle cell anemia*. Am J. Cardiology, 62: 121-125, 1988.
5. Nagel RL, Erlingsson S, Fabry M, Croziat H, Susuka SM, Lachman H Sutton M, Driscoll C, Bouhassira EE, Billett HH: *The Senegal DNA haplotype is associated with the amelioration of anemia in African American sickle cell anemia patient*. Blood, 77(6):1371-5, March 1991
6. Sutton M. Bouhassira EE, and Nagel RL: *Polymerase chain reaction amplification applied to the determination of beta like globin gene cluster haplotypes*. Am J. Hematology, 32: 66-69, Sept. 1989.
7. Atweh GF, Sutton M, Nasif I, Boosalis V, Dover GJ, Wallenstein S, Wright E, McMahon L, Stamatoyannopoulos G, Faller D, and Perrine S: *Sustained induction of fetal hemoglobin by pulse butyrate in sickle cell disease*. Blood, March, 93(6): 1999, 1790-9
8. Sutton M, Atweh GF, Cashman TD, and Davis WT: *Resolving conflicts: misconceptions and myths in the care of the patient with sickle cell disease*. Mount Sinai Journal of Medicine 66 (4) 1999
9. Weinberg RS, Ji X, Sutton M, Perrine S, Galperin Y, Li Q, Leibhauer SA, Stamatoyannopolus G, Atweh GF. *Butyrate increases the efficiency of translation of gamma-globin mRNA*. Blood. 2005; 105(4):1807
10. Fatthallah H, Sutton M, Atweh GF. *Pharmacological induction of fetal hemoglobin: Why haven't we been more successful in thalassemia?* Review. Ann NY Acad Sci. 2005; 1054:228-37.

11. Fathallah H, Weinberg RS, Galperin Y, Sutton M, Atweh GF. *Role of epigenetic modifications in normal globin gene regulation and butyrate –mediated induction of fetal hemoglobin*. Blood 2007 Nov1: 110(9): 3391-7.
12. Blau J, Calo JM, Dozor D, Sutton M, Alpan G, La Gamma EF. *Transfusion Related Acute Gut Injury: Necrotizing Enterocolitis in Very Low Birth Weight Neonates after Red Blood Cell Transfusion* . J Pediatric 2010 Nov 9 [Epub ahead of print]
13. McMahon L, Tamary H, Askin M, Adams-Graves P, Eberhardt RT, Sutton M, Wright EC, Castaneda SA, Faller DV, Perrine SP. *A randomized phase II trial of Arginine Butyrate with standard local therapy in refractory sickle cell leg ulcers*. Br J Haematol. 2010 Dec;151(5):516-24.

Abstract Presentations

1. Absence of cross-resistance to the Hb F stimulating activities of Butyrate and Hydroxyurea. M.Sutton, I.Nassif, G. Stamatoyannopoulos, SP Perrine, and G.F. Atweh
American Society Hematology, December 1998
2. Progressive pulmonary hypertension and pulmonary insufficiency in sickle cell patients who respond to Hydroxyurea.
M.Sutton, S. P Perrine, G.F. Atweh, R. Weinberg, M. Padilla , Mount Sinai School of Medicine **American Society Hematology, December 1999**
3. The Rapid increase in γ -globin chain synthesis in butyrate responsive sickle cell patients may be mediated by transnational or post-transnational mechanisms.
R Weinberg, M Sutton, Y Gelperin, Q. Li, GF Atweh, G. Stamatoyannopolous, Mount Sinai School of Medicine Medical Genetics, University of Washington, Seattle, WA. **American Society Hematology, December 2000**
4. Effects of Transfusions on the Fetal Hemoglobin Response to Hydroxyurea and/or Butyrate in Sickle Cell Disease. Millicent Sutton and George F. Atweh
25th Annual National Sickle Cell Meeting, April 2001 American Society Hematology, December 2002

Invited Guest Lectures

Pharmacological induction of fetal hemoglobin with intravenous Arginine Butyrate: Therapeutic modalities for the treatment of Sickle Cell Disease
Englewood Hospital-Mount Sinai Affiliate
Pediatric Grand Rounds December 1997

Update in the medical management of Sickle Cell Disease
New York University Medical Center
Pediatric Grand Rounds December 1998

Sustained fetal hemoglobin response using intravenous pulse dosing Arginine Butyrate in patients with Sickle Cell Disease
European Consortium on Hemoglobinopathies: Athens Greece, May 1999

Pulmonary hypertension in patients with Sickle Cell Disease while on long term Hydroxyurea therapy
University of Washington Medical Genetics
12th annual Hemoglobin Switching Meeting, June 2000

Update on Sickle Cell Disease: Development of Pulmonary Hypertension in patients with Sickle Cell Disease while on long term Hydroxyurea therapy
St. Luke-Roosevelt Hospital
July 2000

What's New in Sickle Cell?
Wyckoff Hospital
Brooklyn, New York
June 2002

Effects of Transfusions on the Fetal Hemoglobin Response to Hydroxyurea and/or Butyrate in Sickle Cell Disease
13th Hemoglobin Gene Switching Meeting
Oxford, England
September 2002

Sickle Cell Disease: Clinical and Immuno-hematologic management
55th Annual Blood Bank Association of New York State
June 2006

Sickle Cell Disease: Clinical and Immuno-hematologic management
American Society Clinical Laboratory Science - New Jersey
Spring Seminar April 2007

Perinatal and Pediatric Transfusion
Pediatric Grand Rounds June 2008
Maria Ferrari Children's Hospital
Westchester Medical Center

Sickle Cell Disease: Advanced Medical Modalities
2010 Annual AABB Meeting
Baltimore Maryland