CURRICULUM VITAE

FRANKLIN OSCAR SMITH, III, M.D.

ADDRESS

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PERSONAL DATA

Birth: October 23, 1959, Camden, South Carolina
Married to Phyllis Dyches Smith, Pharm.D.
Children: Barrett (18 years old), Ian (14 years old)

EDUCATION

University of South Carolina School of Medicine, Columbia, South Carolina
Degree: M.D., 1980-1984

Wofford College, Spartanburg, South Carolina
Degree: B.S. Chemistry, Cum Laude, 1976-1980

POST-DOCTORAL TRAINING

Fellow, Pediatric Hematology/Oncology,
University of Washington and the Fred Hutchinson Cancer Research Center
Seattle, Washington, 1987-1990

University of Florida, College of Medicine, Department of Pediatrics
Intern: 1984 -1985
Resident: 1985 – 1987
Gainesville, Florida

ACADEMIC AND PROFESSIONAL APPOINTMENTS

Marjory J. Johnson Endowed Chair in Pediatric Hematology/Oncology, Cincinnati Children's Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, Ohio, 2001-Present

Professor of Pediatrics, with Tenure, Cincinnati Children's Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, Ohio, 2001-Present

Director, Division of Hematology/Oncology, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, 2001-Present

Director, Fellowship Training Program, Division of Hematology/Oncology, Cincinnati Children's Hospital Medical Center, 2008-Present

Professor of Pediatrics, Medicine, Microbiology & Immunology, with Tenure, Indiana University School of Medicine, Indianapolis, Indiana, 2000-2001

Investigator, Herman B Wells Center for Pediatric Research, Indiana University School of Medicine, Indianapolis, Indiana, April 2000-2001

Associate Professor of Pediatrics, Medicine, Microbiology & Immunology, Indiana University School of Medicine, Indianapolis, Indiana, 1998-2000

Associate Professor of Pediatrics & Medicine, Indiana University School of Medicine, Indianapolis, Indiana, 1998-2000

Co-Director, Indiana University Bone Marrow and Stem Cell Transplant Program Indiana University, Indianapolis, Indiana, 1998-2001

Interim Director, Pediatric Hematology/Oncology, Riley Hospital for Children, Indianapolis, Indiana, 1998-1999

Endowed Chair, Department of Pediatrics, Indiana University School of Medicine, Indianapolis, Indiana, 1997-2001

Director, Stem Cell Transplantation Program, Riley Hospital for Children, Indianapolis, Indiana, 1997-2001

Clinical Director, Stem Cell Transplantation Program Riley Hospital for Children, Indianapolis, Indiana, 1995-1997

Member, Indiana University Cancer Center, 1994-2001

Associate Professor of Pediatrics, Indiana University School of Medicine, Indianapolis, Indiana, 1994-1998

Assistant Member, Fred Hutchinson Cancer Research Center, Seattle, Washington, 1993-1994

Associate in Clinical Research, Fred Hutchinson Cancer Research Center, Seattle, Washington, 1990-1993

PROFESSIONAL SOCIETIES

American Academy of Pediatrics, 1991-Present

American Society of Blood and Marrow Transplantation, 1994-Present

American Society of Hematology, 1995-Present

American Society of Pediatric Hematology/Oncology, 1997-Present

American Society of Clinical Oncology, 1997-Present

American Academy of Pediatrics, Section of Hematology-Oncology, 2001-Present

American Society of Gene Therapy, 2001-Present

American Pediatric Society, 2005-Present

AWARDS AND HONORS

Ruth Ann Wickware Scholar, Wofford College, 1977

Pediatric Resident of the Year, University of Florida, 1985

Hadley Award for Excellence in Pediatric Research, University of Florida, 1985

Leukemia Society of America Fellow, 1991-1994

American Society of Clinical Oncology Young Investigator Award, 1991

Young Alumnus Of The Year Award, Wofford College, 1999

Distinguished Physician Alumni Award, University of South Carolina School of Medicine, 2005

American Pediatric Society, 2005

Alpha Omega Alpha, Alumni Inductee, University South Carolina School of Medicine, Beta
Chapter, 2005

Impact Volunteer of the Year, Leukemia and Lymphoma Society, Southern Ohio Chapter, 2008

Distinguished Service Award, Children's Oncology Group, 2008

Amanda Toll Endowed Lectureship, Children's National Medical Center, Washington D.C., 2008

ACTIVITIES

National:

Invited Participant, USPHS/IDSA/ASBMT Guidelines for the Prevention of Opportunistic Infections in Bone Marrow Transplant Patients, Centers for Disease Control, Atlanta, Georgia, 1997

Pediatric Blood and Marrow Transplant Consortium, Member, 1997-2003
- Executive Committee, 1999-2001
- Chair, Practice Guidelines Committee, 1999-2003
- Oncology Strategy Group, 2000-2002

National Institutes of Health, National Gene Vector Laboratories (NGVL), Scientific Review Board Member, 2000-Present

National Institutes of Health, PDQ® Pediatric Cancer Treatment Advisory Board, 2002-Present

National Institutes of Health Ad-Hoc Committees:

National Institutes of Health, National Heart, Lung and Blood Institute Study, 2001-Present:
- Mentored Patient-Orientated Research Center Development Awards (K-23), Midcareer Investigator Award in Patient-Oriented Research (K-24), Mentored Quantitative Research Career Development Award (K-25), and Mentored Clinical Scientist Development Award.

Special Emphasis Panel: Programs of Excellence in Gene Therapy, Columbia, Maryland, July 8-10, 2000

Mentored Scientist Special Emphasis Panel (K-02/K-08), Chevy Chase, Maryland, October 15-16, 2002

Special Emphasis Panel: Innovative Research Grant Program (R01), Bethesda, Maryland, October 29-30, 2002

National Institute of Health Special Emphasis Panel, Research Resource R24 Grants, March 5, 2003

National Institute of Health T32-KO1 Minority Training Programs, Grant Reviewer, November 3, 2004

Special Emphasis Panel: National Cancer Institute, NIH Extramural Loan Repayment Program for Clinical Research, L30 and Pediatric Research, L40, 2006-Present

Food and Drug Administration Ad Hoc Committees:

Special Emphasis Panel: Food and Drug Administration's Office of Orphan Products Development, Rockville, Maryland, December 6, 2002

Special Emphasis Panel: Food and Drug Administration's Office of Orphan Products Development, Rockville, Maryland, June 4, 2003

Special Emphasis Panel: Food and Drug Administration's Office of Orphan Products Development, Rockville, Maryland, July 26, 2005

American Society of Hematology and US Food and Drug Administration, Clinical Endpoints in Acute Leukemia Workshop, Chair, Pediatric Acute Myeloid Leukemia, 2004-2005

National Heart, Lung and Blood Institute, Sickle Cell Data Safety and Monitoring Board, 2006-Present

National Heart, Lung and Blood Institute, Gene Therapy Resource Program Scientific Review Board, 2007 – Present

Member, Medical Advisory Board, the Bone Marrow Foundation, 2007 – Present

Discipline:

Invited Participant, International Physician Caucus, Fanconi Anemia Standards for Clinical Care, Portland, Oregon, 1998

Invited Participant, Bone Marrow Transplant Conference, Fanconi Anemia Research Fund, Chicago, Illinois, 2001

Foundation for the Accreditation of Hematopoietic Cell Therapy, Inspector, 1998-Present

American Society of Blood and Marrow Transplantation, Committee on Recognition of International Trainees, 2000

The American Society of Blood and Marrow Transplant Education and Standards

Council, 2000-Present Foundation for the Accreditation of Cell Therapy (FACT), Board of Directors, 2001-Present

Foundation for the Accreditation of Cell Therapy (FACT), Board of Directors, Treasurer, 2002-2007

Foundation for the Accreditation of Cell Therapy (FACT), Clinical Standards Guidance Committee, Member, 2003-2005

National Marrow Donor Program, Histocompatibility Committee, Member, 2002-2005

The Center for International Blood and Marrow Transplant Research (CIBMTR), Advisory Committee, 2004-2005

The Center for International Blood and Marrow Transplant Research (CIBMTR), Repository Steering Committee, 2004-2005

Center for International Blood and Marrow Transplant Research, Transitional Advisory Committee, Member 2004-2005

American Society of Clinical Oncology, Pediatric Cancer Track Program Committee, 2004-Present

American Society of Hematology, Molecular Biology of AML Session, Moderator, 2004

American Society of Clinical Oncology, Scientific Program Committee and Faculty, Orlando, Florida, 2005

American Society of Clinical Oncology, Scientific Program Committee, Chair, Pediatric Track, 2005-2006

American Society of Blood and Marrow Transplantation, Pediatric AML Evidence-Based Review Committee, 2006

Community:

Board of Directors, Hutch Kids Day Care Center, Seattle, Washington, 1992-1994

Board of Trustees, The Leukemia and Lymphoma Society, Indiana Chapter, 1997-2001

Indiana Children's Wish Fund, Board of Directors, 1998-1999

Board of Trustees, The Leukemia and Lymphoma Society, Southern Ohio Chapter, 2002-2008

Executive Committee, The Leukemia and Lymphoma Society, Southern Ohio Chapter,

2007- Present

Advisory Board, CancerFree Kids Pediatric Cancer Research Alliance, Cincinnati, Ohio, 2002-Present

Board of Directors, Hyde Park Blast, 2006 – Present

Honorary Co-Chair, A Celebration of Extraordinary Courage to Benefit Cancer Free Kids, Mason, Ohio 2008

Cincinnati Children's Hospital Medical Center (2001-Present):

Pursuance in Excellence Grant Committee, Children's Hospital Medical Center, 2001

Institutional Review Board, Member, 2003-2005

Institutional Review Board, Task Force, 2004-2005

Institutional Review Board, Executive Committee, 2004-Present

JCAHO Action Plan Task Force, 2004

JCAHO, Medication Management Task Force, 2004-2005

Strategic Planning, Hospital Steering Committee, Philanthropy Workgroup, 2004-2005

Strategic Planning, Hospital Steering Committee, Cancer Workgroup, 2004-2005

Orthopaedic Chair Search Committee, 2004-2005

Chair, Strategic Planning, Clinical Oncology Working group, 2005

Division of Experimental Hematology and Cancer Biology Director, Search Committee, 2007 - 2009

Inpatient Mortality Assessment, Committee Member, 2008 – Present

Division of Biostatistics and Epidemiology Director Search Committee, Cincinnati Children's Research Foundation, 2008 – Present

University of Cincinnati College of Medicine (2001-Present):

Institutional Review Board (2009-Present)

Scientific Review Committee, Chair (2009-Present)

University of Cincinnati Cancer Center (2001-Present):

Executive Committee, 2001-Present

Scientific Review Committee, 2002

Internal Advisory Committee, 2002-Present

Chair, Protocol Review and Monitoring, 2003-2005

Member, Search Committee, Director of Hematology/Oncology, 2004-2008

Hoxworth Blood Center, Cincinnati, Ohio (2001-Present):

Scientific Research Advisory Committee, 2001-Present

Indiana University School of Medicine (1994-2001):

Emily Holmquist Endowment Honorary Committee, Indiana University School of Nursing, 1998-2000

Indiana University Institutional Review Board Executive Committee, 1998-1999

Indiana University Institutional Review Board, 1994-2001

University Pediatric Associates, Board of Directors, 1998-2000

American Cancer Society Institutional Grant Committee, Indiana University School of Medicine, 1998-1999

Liaison Committee on Medical Education Self-Study Committee, Indiana University School of Medicine, 2000-2001

Participant, NIH Proactive Compliance Site Visit, Indiana University School of Medicine, 2000

Gene Therapy Working Group, Member, Indiana University School of Medicine, 1995-2001
Gene Therapy Working Group, Chair, Quality Control and Improvement Committee, Indiana University School of Medicine, 1999-2000

Gene Therapy Working Group, Director, Indiana University School of Medicine,

2000-2001

Indiana University Cancer Center (1994-2001):

Scientific Review Committee, Member, 1994-Present, Co-Chair, 1998-1999

Pediatric Scientific Review Committee, Chair 1995-1998

Department of Pediatrics, Indiana University School of Medicine (1994-2001):

Curriculum Committee, Pediatric Residency Program, 1998-2001

Riley Medical Care Committee, 1997-2001

Advisory Council, Community Education Department, Riley Hospital, 1998-1999

Medical Director, Riley Children's Cancer Center, 1998-1999

Hematology/Oncology Assurance Board Committee, 2001

Clinical Research Committee, 2001

Riley Hospital for Children (1994-2001):

Pediatric Clinical Program Consolidation Committee, Clarian Health Partners, 1998-1999

Clarian Board, Committee on Quality and Patient Care, 1997-2000

Fred Hutchinson Cancer Research Center (1987-1994):

Ethics Committee, 1991-1994

Institutional Review Board, 1992-1994

Media and Shared Resources Committee, 1991-1994

COOPERATIVE GROUP ACTIVITIES

Children's Cancer Group (1988-2000):

Standing Committees:

Acute Myeloid Leukemia Strategy Group, 1996-2000

Young Investigator's Committee (Chair), 1996-1998

Group Chair Nominating Committee, 1996

Acute Myeloid Leukemia Task Force (Chair), 1995-1998

Children's Oncology Group (2000-Present)

Vice Chair-elect, 2006-2007

Vice Chair, 2007-Present

Standing Committees:

Hematopoietic Stem Cell Transplantation Steering Committee, 1999-2003

Co-Chair, Phase III AML Committee, 2000-2002

Chair-Elect, Myeloid Leukemia Disease Committee, 2001-2002

Infant Leukemia Committee, 2001-Present

Chair, Myeloid Leukemia Disease Committee, 2002-2007

Scientific Council, 2006-Present

Executive Committee, 2006-Present

Case Review Forms Committee, 2007 – Present

Study Committees:

AAML0531 A Phase III Randomized Trial of Gemtuzumab Ozogamicin Combined with Conventional Chemotherapy for De Novo Acute Myeloid Leukemia (AML) in Children, Adolescents, and Young Adults

COG 2891: Treatment of Children Less Than 21 Years of Age with Newly Diagnosed Acute Myeloid Leukemia and Myelodysplastic Syndrome (MDS); Study Coordinator

COG 2941: A Phase II Pilot Study In Children with Untreated Acute Myelogenous

Leukemia (AML) Or Myelodysplastic Syndrome (MDS)

COG 2961: A Phase III Study In Children With Untreated Acute Myelogenous Leukemia (AML) Or Myelodysplastic Syndrome (MDS)
COG 1953: Treatment of Newly Diagnosed Acute Lymphoblastic Leukemia In Infants Less Than 1 Year of Age

COG 2971 Treatment of Children with Down Syndrome (DS) and Acute Myeloid Leukemia (AML), Myelodysplastic Syndrome (MDS) and Transient Myeloproliferative Disorder (TMD)

COG AAML00P2 A Dose Finding Study of Safety of Gemtuzumab Ozogamicin Combined with Conventional Chemotherapy for Patients with Relapsed or Refractory Acute Myeloid Leukemia (AML)

COG L9703 1800 Series Outcome

COG AAML03P1 Treatment of Newly Diagnosed Childhood Acute Myeloid Leukemia (AML) Using Intensive MRC based Therapy and Gemtuzumab Ozogamicin (GMTZ)

COG B942 Detection of Minimal Residual Disease in Children Receiving Therapy for Acute Myeloid Leukemia (AML) or Myelodysplastic Syndrome (MDS)

COG E-23 Epidemiology of Down Syndrome-Leukemia and Down Syndrome

COG AAML0523 A Phase I/II Study of CLORAR (Clofarabine IND# 73,789) in Combination with Cytarabine in Pediatric Patients with Refractory/Relapsed Leukemia

COG AAML0532 The Treatment of Down Syndrome DS Children with Transient Myeloproliferative Disease (TMD)

COG AAMLO6P1 A Pilot Study of Lestaurtinib (CEP-701) in Combination with Chemotherapy in Young Patients with Relapsed or Refractory Acute Myeloid Leukemia

CLINICAL RESPONSIBILITIES

Attending Physician, Fred Hutchinson Cancer Research Center, Seattle, Washington, 1990-1994

Attending Physician, Stem Cell Transplant Unit, Riley Hospital for Children, Indianapolis, Indiana, 1994-2001

Attending Physician, Bone Marrow Unit, University Hospital, Indianapolis, Indiana, 1997-2001

Acting Director, Hematology Program, Division of Hematology/Oncology, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, 2001-2008.

Attending Physician, Blood and Marrow Transplant Program, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, 2002-Present

Interim Clinical Director, Sickle Cell Disease Program, Division of Hematology/Oncology, Cincinnati Children's Hospital Medical Center, 2004-2006

CONSULTANT/SCIENTIFIC ADVISOR

Nexell, Inc., Consultant, 1998

Hayes, Inc., Consultant, 1998-2006

HCC Risk Management, Consultant, 1999-2007

Cancer Treatment Consultants, Scientific Advisor, 1999-Present

Medical Care Management Corporation, Consultant, 1999-2006

ICOS Corporation, Consultant, 2000

Genencor International, Inc., Consultant, 2000

Council of Healthcare Advisors, Consultant, 2000-2006

Ligand Pharmaceuticals, Consultant, 2003

Cyrca Insurance Management, Consultant, 2003-2007

CancerConsultants.com, 2005-Present

Canada Life, 2005-Present

Data Safety and Monitoring Committee, Seattle Genetics, 2008-Present

Wyeth Research, Pediatric Investigational Plan (Bosutinib) Consultant, 2008-Present

EDITORIAL BOARD AND REVIEW EXPERIENCE

Bone Marrow Transplantation, reviewer
Journal of Pediatrics, reviewer

Cancer, reviewer

American Journal of Pediatric Hematology/Oncology, reviewer

Cancer Research Therapy and Control, Section Editor, Transplantation Biology, 1997-2001

Journal of Pediatric Surgery, reviewer

British Journal of Haematology, Editorial Board, 2006-Present

European Journal of Haematology, reviewer

Journal of Hematotherapy and Stem Cell Research, Editorial Board, 2000-2007

American Journal of Hematology, reviewer

Journal of Pediatric Surgery, reviewer

Journal of Leukocyte Biology, reviewer

Blood, Editorial Board, 2002-2007

Journal of Pediatric Hematology/Oncology, reviewer

Pediatric Blood and Cancer, reviewer

Medscape General Medicine, Topics in Pediatric Leukemia, Editor, 2004-Present

Leukemia- The Journal of Normal and Malignant Hemopoiesis, reviewer

Biology of Blood and Marrow Transplantation, reviewer

Expert Opinion on Pharmacotherapy, reviewer, 2008-Present

Case Reports in Medicine, Editorial Board, 2008-Present

TEACHING EXPERIENCE

Department of Microbiology and Immunology, J854 Hematopoiesis, Indiana University School of Medicine, 1998-2001

The William A. Hillenbrand Center For Biomedical Engineering, Purdue University, “Stem Cells and Gene Therapy”, West Lafayette, Indiana, 1998-2001

Developmental Biology, Cincinnati Children’s Hospital Medical Center, “Molecular Pathogenesis and Targeted Therapies for Acute Myeloid Leukemia,” Cincinnati, Ohio, 2003

Developmental Biology, Cincinnati Children's Hospital Medical Center, "Hematopoiesis and Genetic Diseases of the Blood," Cincinnati, Ohio, 2003

Developmental Biology, Cincinnati Children's Hospital Medical Center, "Leukemia in Children," Cincinnati, Ohio, 2006 – present

GRANTS, AWARDS, AND CONTRACTS

Inactive:

National Public Health Service Corps Scholarship, 1980-1984

Southern Medical Association Research Project Grant, 1986

National Institutes of Health, National Research Service Award, 1987-1990

Lederle Oncology/American Cyanamid, "In Vitro Studies of Anti-CD33-Calicheamicin Immunotoxin In Childhood Acute Myeloid Leukemia" 1989-1994, F.O. Smith, Principal Investigator

Leukemia Society of America: Cord Blood Focused Workshop, March 1997; F.O. Smith, Principal Investigator

National Cancer Institute, CA13539-25 "Childrens Cancer Group Chairman's Award", 12/1/96-11/30/97; A. Bleyer, Principal Investigator; Young Investigator Committee, F.O. Smith, Principal Investigator

Amgen Corporation, Agreement #973790, "Post-Transplant Infusion of Ex Vivo Expanded Placental and Umbilical Cord Blood Cells: A Pilot Study", 12/10/97-12/10/98; F.O. Smith, Principal Investigator

Genetics Institute, "A Phase I, Double Masked, Dose Escalation Trial, of Recombinant Human Interleukin-11 (rhIL-11) To Reduce Mucositis In Children With High Risk/Poor Prognosis Solid Tumors Undergoing Autologous Peripheral Blood Stem Cell Transplantation Following Myeloablative Therapy With Total Body Irradiation, Etoposide and Melphalan", 8/5/98-8/5/99; F.O. Smith, Principal Investigator

National Institute of Health, National Gene Vector Laboratory U42RR1148, "Post-Transplant Infusion of Fibronectin-Assisted, Retroviral-Mediated Gene Marked and Ex Vivo Expanded CD34+ Placental and Umbilical Cord Blood Cells: A Phase I/II Study", 1998-1999; F.O. Smith, Principal Investigator

Riley Memorial Association, Grant # 98-A18, "Immune Reconstitution Following Stem Cell Transplantation", 8/10/98-6/30/00; F.O. Smith, Principal Investigator

Genetics Institute, "An Ascending Dose Study of the Safety of CMA-676 as Single Agent Treatment of Pediatric Patients with Refractory or Relapsed Acute Myelogenous Leukemia", 3/31/99-3/31/00; F.O. Smith, Principal Investigator

Children's Cancer Group, Chairman's Award, "Prognostic Importance of ALL Antigen Presentation Markers," 11/30/99-12/31/00; K. Schultz, Principal Investigator; F.O. Smith, Co-Investigator

National Heart, Lung and Blood Institute, N01-HB-67137 "Transplant Centers for Clinical Research on Transplantation of Umbilical Cord Stem and Progenitor Cells" 9/30/96-9/29/01; F.O. Smith, Principal Investigator

National Heart, Lung and Blood Institute, T32 HL-07910-01, "Basic Science Studies on Gene Therapy of Blood Diseases", 7/1/99-6/30/04; A. Srivastava, Principal Investigator; F.O. Smith, Co-Investigator

Fujisawa Healthcare, Inc., 98-0-050, NIAID MSG Protocol #46; "A Phase 3, Randomized, Double-Blind, Comparative Trial of FK463 Versus Fluconazole For Phophylaxis of Fungal Infections In Patients Undergoing A Hematopoietic Stem Cell Transplant." 9/1/99-Present; M. Goldman, Principal Investigator; F.O. Smith, Co-Principal Investigator

National Heart, Lung, and Blood Institute, R01 HL 58881-01 "Parvovirus Vectors For Human Gene Therapy", 7/1/97-6/30/01; A. Srivastava, Principal Investigator; F.O. Smith, Co-Investigator

National Cancer Institute R01 75169CA "Epidemiology of Down Syndrome and Down Syndrome Leukemia" 7/1/97-6/30/02; J. Ross, Principal Investigator; F.O. Smith, Co-Investigator

National Heart, Lung and Blood Institute, R01 HL 60580, "Optimization of Umbilical Cord Stem Cell Cryopreservation", 7/1/98-6/30/02; J.K. Critser, Principal Investigator; F.O. Smith, Co-Principal Investigator

The Children's Mercy Hospital/National Heart, Lung and Blood Institute, U01 HL59254, "Pediatric Blood and Marrow Transplant Consortium", 4/01/02-11/7/02 Alan Gamis, M.D., Principal Investigator, F.O. Smith, Co-Investigator

National Institute of Allergy and Infectious Diseases N01-AI-65306, "Clinical Studies of Therapies for Virus Infections", 7/31/96-6/30/03; Richard J. Whitley, M.D., Project Director; F.O. Smith, Principal Investigator

Children's Hospital Medical Center of Northern California/National Heart Lung and Blood Institute UO1 HL68091, "Multicenter Investigation of Induction of Stable Mixed Chimerism after Bone Marrow Transplantation from HLA-identical Donors for Sickle

Cell Disease", Mark Walters, M.D., Principal Investigator, F.O. Smith, Co-Investigator

Doris Duke Charitable Foundation, "Gene Transfer into Hematopoietic Stem Cells", 7/01/02-6/30/05; Patrick Kelly, M.D., Principal Investigator, F.O. Smith, Co-Investigator

Translational Research Initiative Grant, "The Nerve Growth Factor Receptors in Acute Leukemia: Implications for Therapeutic Intervention," 7/01/03-6/30/04; James Mulloy, Ph.D., Principal Investigator, F.O. Smith, Co-Investigator

Fanconi Anemia Research Fund, "Collection of Hematopoietic Cells from Patients with Fanconi Anemia for Future Autologous Reinfusion and Research," 10/01/04-9/30/05; Patrick Kelly, M.D., Principal Investigator, F.O. Smith, Co-Investigator

National Heart, Lung, Blood Institute U54 HL70871-01, Cincinnati Comprehensive Sickle Cell Center, 04/01/03-03/31/08; Clinton Joiner, M.D., Principal Investigator, F.O. Smith, Co-Investigator

Food and Drug Administration R01 FD002612-01, "Oxandrolone for the Treatment of Marrow Aplasia in Fanconi Anemia," 9/30/05-5/31/08; F.O. Smith, Principal Investigator

Active:

National Childhood Cancer Foundation/National Cancer Institute U10 CA98543, Children's Oncology Group, 03/01/03-02/28/13; Greg Reaman, M.D., Principal Investigator, F.O. Smith, Co-Investigator

NIH T32 HL091805, 09/01/08-08/31/13, Training Program in Hematologic and Oncologic Diseases, Yi Zheng, Ph.D., Principal Investigator, F.O. Smith, Co-Principal Investigator

LICENSURE

Florida, 1984 (Inactive)
Washington, 1987 (Inactive)
Indiana, 1994 (Inactive)
Ohio, 2002 (Active)

BOARD CERTIFICATION

National Board of Medical Examiners, Diplomate, 1985

American Board of Pediatrics, 1988; Recertification, 1999

American Board of Pediatrics, Pediatric Hematology/Oncology, 1992; Recertification 1998

INVITED PAPERS, LECTURES, PRESENTATIONS

Invited Speaker, Medical-Surgical Grand Rounds, University of Washington, "Isoimmune Thrombocytopenia," Seattle, Washington, 1988

Invited Speaker, Childcare 2000, "New Approaches In the Study and Treatment of Childhood Cancer", Vancouver, British Columbia, Canada, 1990

Invited Speaker, Washington State Medical Society, "Current Expectations in the Treatment of Leukemia", Seattle, Washington, 1991

Invited Speaker, Northwest Medical Laboratory Symposium, "Hematologic Diseases of the Newborn", Portland, Oregon, 1991

Invited Speaker, Department of Family Medicine Grand Rounds, Indiana University School of Medicine, "Pediatric Bone Marrow Transplantation" Indianapolis, Indiana, 1994

Invited Speaker, Fanconi Anemia Research Fund, "Hematopoietic Stem Cell Transplantation", Portland, Maine, 1995

Invited Speaker, Florida Association of Pediatric Tumor Programs, "Hematopoietic Stem Cell Transplantation Using Umbilical Cord Blood and Peripheral Blood Stem Cells", Orlando, Florida, 1995

Invited Speaker, Current Developments In Public Health, Indiana Public Health Foundation, "Stem Cell Transplantation and the Future of Medicine", Indianapolis, Indiana, 1995

Invited Speaker, Indiana University Internal Medicine Grand Rounds, "Unrelated Donor Cord Blood Transplantation", Indianapolis, Indiana, 1996

Invited Speaker, Fanconi Anemia Research Fund, "Hematopoietic Stem Cell Transplantation", Portland, Maine, 1996

Invited Speaker, International Symposium and Workshop on Cord Blood Transplantation, "Clinical Experience With Cord Blood and the International Cord Blood Registry", Indianapolis, Indiana 1997

Invited Speaker, Indiana University Mini-Medical School, "Umbilical Cord Blood Transplantation", Indianapolis, Indiana, 1997

Invited Speaker, First International Workshop on MDS In Childhood, "Results of CCG Studies for Childhood MDS", Titisee-Neustadt, Black Forest, Germany, 1997

Invited Speaker, Marion F. Beard Scientific Seminar, American Red Cross, "Unrelated Donor Cord Blood Transplantation", Louisville, Kentucky, 1997

Invited Speaker, Department of Genetics, Indiana University School of Medicine, Indianapolis, Indiana, 1997

Invited Speaker, Clarian Health Partners, 1st Annual Transplant Symposium, "Cord Blood Transplantation", Indianapolis, Indiana, 1997

Invited Speaker and Co-Chair, "Bone Marrow Transplantation Symposium", Indiana University School of Medicine, Indianapolis, Indiana, 1997

Invited Speaker, National Institutes of Health, Workshop on Ethical Issues in Umbilical Cord Blood Banking, "Captivated Transplants", Washington, DC 1997

Invited Speaker and Co-Chair, 8th Asia-Pacific Regional Congress, International Society of Blood Transfusion, "Unrelated Donor Cord Blood Transplantation", Beijing, Peoples Republic of China 1997

Invited Speaker, Chinese Academy Medical Sciences and Peking Union Medical College, "Cord Blood Transplantation", Chengdu, Peoples Republic of China, 1997

Invited Speaker, The Maternal and Neonatal Hospital of Guangzhou, "Cord Blood Transplantation", Guangzhou, Peoples Republic of China, 1997

Invited Speaker, Department of Anesthesiology, Indiana University School of Medicine, "Stem Cell Transplantation" Indianapolis, Indiana, 1997

Invited Speaker, Indiana University School of Medicine, Departments of Pediatrics and Medicine, Sections of Hematology/Oncology, The Walther Oncology Center, Herman B Wells Center for Pediatric Research and Indiana University Cancer Center Combined Seminar, "Cord Blood Transplantation In the Era of Managed Care-Who Pays?" Indianapolis, Indiana, 1998

Invited Speaker, Indiana University School of Medicine, The Northwest Center For Medical Education, Pathophysiology and Advanced Problem Solving, "Transfusion Medicine" and "Bone Marrow Transplantation", Gary, Indiana, 1998

Invited Speaker, Marrow Transplantation In Children: Current Results and Controversies-Meeting #4, "Delayed Lymphocyte Infusions In Pediatric Patients Undergoing Marrow Transplant to Either Accelerate Immune Recovery or Treat Infectious Problems", Palm Beach, Florida, 1998

Invited Speaker, Fanconi Anemia Research Fund, "Understanding Stem Cell Therapies", Lake Geneva, Wisconsin, 1998

Invited Speaker, The National Association of Childbearing Centers, 14th Annual Meeting, "Pros and Cons of Cord Blood Banks", Indianapolis, Indiana, 1998

Invited Speaker, Indiana University Pediatric Grand Rounds, "Cord Blood Transplantation Update", Indianapolis, Indiana 1998

Invited Speaker and Moderator, Nexell Therapeutics, Inc., "Cord Blood Transplantation", Irvine, California, 1998

Invited Speaker, Central Indiana Oncology Nursing Society "Cord Blood Transplantation; Indianapolis, Indiana, 1999

Invited Speaker, University of Colorado, "Unrelated Donor Cord Blood Transplantation: The Indiana University Experience", Denver, Colorado, 1999

Invited Speaker and Co-Chair, Update In Bone Marrow Transplantation, Symposium, "New Approaches in BMT" and "Clinical Trials: What are They and Who Pays for Them," Indiana University School of Medicine, Indianapolis, Indiana, 1999

Invited Speaker, Bill Stone Distinguished Speaker Series, South Texas Blood & Tissue Center, "Umbilical Cord Blood Transplantation in Children and Adults", San Antonio, Texas, 1999

Invited Speaker, Universidad Nacional Autonoma De Mexico, "Cord Blood Transplantation", San Antonio, Texas, 1999

Invited Speaker, Indiana University School of Medicine, Departments of Pediatrics and Medicine, Sections of Hematology/Oncology, The Walther Oncology Center, Herman B Wells Center for Pediatric Research and Indiana University Cancer Center Combined Seminar, "Immune Reconstitution After Unrelated Donor Cord Blood Transplantation?" Indianapolis, Indiana, 1999

Invited Speaker, Viral Infections in the Immunocompromised Stem Cell Therapy Patient: Update for 1999, "Immune Reconstitution and Stem Cell Sources", Wilmington, Delaware, 1999

Invited Speaker, Lutheran Hospital, "Late Effects After Stem Cell Transplantation", Fort Wayne, Indiana, 1999

Invited Speaker, NHLBI/NCI Hematopoietic Transplant Network Meeting, "What Are The Clinical Questions That Require a Network?", Bethesda, Maryland, 1999

Invited Speaker, Union Hospital, "Bone Marrow Transplantation In Children", Terre Haute, Indiana, 1999

Invited Speaker, Bone Marrow/Stem Cell Transplants '99, "Collection, Banking and Transplantation of Umbilical Cord Blood – New Possibilities/New Questions," San Diego, California, 1999

Invited Speaker, Children's Cancer Group, "Young Investigators as the Future of Translational Research," St. Louis, Missouri, 1999

Invited Speaker, Indiana University Cancer Center Grand Rounds, "Cord Blood Transplantation: An Update," Indianapolis, Indiana, 1999

Invited Speaker, Indiana Oncology Social Workers, "Stem Cell Transplantation," Indianapolis, Indiana, 2000

Invited Speaker, Department of Nuclear Medicine, Indiana University School of Medicine, "Stem Cell Transplantation," Indianapolis, Indiana, 2000

Invited Speaker, Marrow Transplantation in Children: Current Results and Controversies, Meeting #5, "Hematopoietic Stem Cell Transplantation," Hilton Head Island, South Carolina, 2000

Invited Speaker, Mini Medical School, Indiana University School of Medicine, "Gene Therapy: New Frontiers for the New Millennium," Indianapolis, Indiana, 2000

Invited Speaker, Molecular Medicine In Action, Herman B Wells Center for Pediatric Research, Indiana University School of Medicine, "Transplant Biology" and "Ethics in Gene Therapy," Indianapolis, Indiana 2000

Invited Speaker, American Society for Apheresis, "Cord Blood Transplantation," Las Vegas, Nevada 2000

Invited Speaker, Ethics-at-Lunch, "Cord Blood Transplantation-Ethical Considerations," Indiana University School of Medicine, Indianapolis, Indiana, 2000

Session Chair and Keynote Speaker, 2nd International Symposium on Myelodysplastic Syndromes in Childhood, "Bone Marrow Transplantation for the Treatment of MDS," Hindsgavl Castle, Funen, Denmark, 2000

Honorary Chairman, Cancer: Keys to Survivorship, Leukemia and Lymphoma Society, Indianapolis, 2000

Keynote Speaker, Implications of Genetic Technology, "Human Gene Therapy: Current Status and Ethical Issues," Goshen, Indiana, 2000

Invited Speaker, American Cancer Society, "Cord Blood Transplantation," Indianapolis, Indiana, 2000

Session Chair and Speaker, Young Investigator Workshop, American Society of Pediatric Hematology/Oncology, "Balancing Your Personal and Professional Goals," Minneapolis, Minnesota, 2000

Invited Speaker, "Hematopoietic Stem Cell Transplantation," Department of Medical and Molecular Medicine, Indiana University School of Medicine, Indianapolis, Indiana, 2000

Invited Speaker, Essentials of Pediatric Hematology/Oncology, Indiana Chapter, Association of Pediatric Oncology Nurses, "Commonly Used Diagnostic Tests in Pediatric Hematology/Oncology," Indianapolis, Indiana, 2000

Invited Speaker, 12th International Fanconi Anemia Meeting, "Selective In Vivo Advantage for Gene-Corrected Hematopoietic Stem Cells in Fanconi Anemia: A Clinical Trial," Amsterdam, The Netherlands, 2000

Invited Speaker, American Society of Hematology, Educational Session, Gene Therapy 2000, "Regulatory Oversight of Gene Therapy Clinical Trials: A Matter of Balance," San Francisco, California, 2000

Invited Speaker, Indiana University Pediatrics Resident Seminar Series, "Pediatric Hematopoietic Stem Cell Transplantation: What is Current Practice and What the Future Holds," Indianapolis, Indiana, 2000

Invited Speaker, Science and Religion, Brebeuf Preparatory High School, "Gene Therapy Trials: Ethical Issues," Indianapolis, Indiana, 2000

Invited Speaker, Children's Hospital Medical Center, "Cord Blood Transplantation: Current
Status and Unresolved Issues," Cincinnati, Ohio, 2000

Invited Speaker, Indiana University Cancer Center Grand Rounds, "Pediatric Acute Myeloid Leukemia," Indianapolis, Indiana, 2000

Invited Speaker, Department of Nuclear Medicine Seminar Series, "Human Gene Therapy," Indiana University School of Medicine, Indianapolis, Indiana, 2001

Invited Speaker, Indiana University Pediatric Grand Rounds "Clinical and Translational Research: The Good, Bad and Ugly," Indianapolis, Indiana, 2001

Invited Speaker, Indiana University Department of Genetics Seminar Series "Cord Blood Transplantation," Indianapolis, Indiana, 2001

Invited Speaker, Molecular Medicine In Action, Herman B Wells Center for Pediatric Research, Indiana University School of Medicine, "Stem Cell Transplantation" Indianapolis, Indiana 2001

Invited Speaker, Molecular Medicine In Action, Herman B Wells Center for Pediatric Research, Indiana University School of Medicine, "Ethics in Human Subject Research"

Indianapolis, Indiana 2001

Invited Speaker, Recent Developments in Cord Blood Stem and Progenitor Cell Transplantation: Third International Indianapolis Conference/Workshop, “Immune Reconstitution Following Unrelated Donor Cord Blood Transplantation,” Indianapolis, Indiana, 2001

Invited Speaker, Department of Surgery, Indiana University School of Medicine, “Introduction to Stem Cell Transplantation,” Indianapolis, Indiana 2001

Invited Speaker, Brebeuf Preparatory High School, “Medical Ethics,” Indianapolis, Indiana 2001

Invited Speaker, The Emery Society, “Gene Therapy,” Cincinnati, Ohio, 2001

Organizing Committee and Session Chair, Marrow Transplantation in Children: Current Results and Controversies-Meeting #6, St. Augustine, Florida, 2001

Invited Speaker, Fanconi Anemia Research Fund, Scientific Meeting, "A Clinical Trial to Study Selective In Vivo Advantage for Gene-Corrected Hematopoietic Stem Cells in Fanconi Anemia: Progress Report from the International Fanconi Anemia Consortium,” Portland, Oregon, 2001

Invited Speaker, Advances in the Treatment and Management of Acute Myeloid Leukemia, “Current Approaches to AML Treatment and Advances in the Treatment for Pediatric Patients,” Orlando, Florida, 2001

Invited Speaker, Foundation for the Accreditation of Cell Therapies Inspection Training Course, Orlando, Florida, 2002

Invited Speaker, Molecular Medicine In Action, Herman B Wells Center for Pediatric Research, Indiana University School of Medicine, “Stem Cell Transplantation,” Indianapolis, Indiana 2002

Invited Speaker, Molecular Medicine In Action, Herman B Wells Center for Pediatric Research, Indiana University School of Medicine, “Ethics in Human Subject Research,” Indianapolis, Indiana 2002

Invited Speaker, Resident Education Day, Ohio University College of Osteopathic Medicine, “Stem Cell Transplantation”, Gene Therapy;” Columbus, Ohio 2002

Invited Speaker and Session Co-Chair, ISCT/JACIE Meeting, “Unresolved Issues In Cord Blood Transplantation,” Barcelona, Spain, 2002

Invited Speaker, ISCT/JACIE Meeting, “FACT Inspector Training”, Barcelona, Spain, 2002

Invited Speaker, Fanconi Anemia Research Foundation Family Meeting, “Gene Therapy,”

Camp Sunshine, Maine 2002

Invited Speaker, 4th Annual Pediatric and Neonatal Hematology/Oncology for the Practitioner, University School of New Mexico Health Sciences Center and School of Medicine, "Fanconi Anemia as a Model for Novel Treatments for Marrow Failure: Drugs to Gene Therapy," Albuquerque, New Mexico, 2002

Invited Speaker, 4th Annual Pediatric and Neonatal Hematology/Oncology for the Practitioner, University School of New Mexico Health Sciences Center and School of Medicine, "Cord Blood Transplantation: Current Issues and Controversies," Albuquerque, New Mexico, 2002

Invited Speaker, Foundation for the Accreditation of Cell Therapies, "Inspector Training Course" and "Preparing Your Center for FACT Inspection," Tandem BMT Meeting, Keystone, Colorado, 2003

Invited Speaker, "Cancer in Children", American Cancer Society Race for the Cure, Cincinnati, Ohio, February 18, 2003

Co-Sponsor, Member of Organizing Committee and Invited Speaker, "Use of Umbilical Cord Blood", Stem Cell Transplantation in Children: Current Results and Controversies Meeting #7", Hilton Head Island, South Carolina, March 5-8, 2003

Invited Speaker, The Fourteenth Annual Conference Towards Excellence in Primary Care and Midwifery, Kentucky Coalition of Nurse Practitioners/Nurse Midwives, "Pediatric Oncology: Concerns in Primary Care." Covington, Kentucky, 2003

Invited Speaker, Cincinnati Children's Hospital Medical Center First Annual Blood and Marrow Transplantation Spring Educational Symposium-The Patient, the Caregiver and the Disease: A Perspective on Pediatric Stem Cell Transplantation, "Graft versus Host Disease: What It Means for Our Patients," Cincinnati, Ohio, May 5, 2003

Invited Speaker, Cincinnati Children's Hospital Medical Center First Annual Blood and Marrow Transplantation Spring Educational Symposium-The Patient, the Caregiver and the Disease: A Perspective on Pediatric Stem Cell Transplantation, "Acute Myeloid Leukemia: Transplant and Other Treatments," Cincinnati, Ohio, May 5, 2003

Keynote Speaker, The Leukemia & Lymphoma Society Journey of Hope Donor Gala, "Advances in the Treatment of Leukemia in Children," Cincinnati, Ohio 2003

Session Chair and Invited Speaker, "New Biologic and Therapeutic Developments in Acute Myeloid Leukemia," American Society of Clinical Oncology, Chicago, Illinois, 2003

Keynote Speaker, Cincinnati Children's Hospital Medical Center: Hematology/Oncology Nursing Open House, "Stem Cell Transplantation," Cincinnati, Ohio May 19, 2004

Invited Speaker, Cincinnati Children's Hospital Medical Center, Past, Present, and Future

of Pediatric Oncology Nursing Symposium, "Overview for Pediatric Oncology," Cincinnati, Ohio, May 25, 2004

Invited Speaker, Cincinnati Children's Hospital Medical Center, Past, Present, and Future of Pediatric Oncology Nursing Symposium, "Clinical Trials," Cincinnati, Ohio, May 25, 2004

Keynote Speaker, Leukemia and Lymphoma Society, Maui King's Trail Triathlon, Wailea, Maui, June 12, 2004

Invited Speaker, Fanconi Anemia Research Foundation Family Meeting, "Gene Therapy," Camp Sunshine, Maine 2004

Invited Speaker, Nursing Continuing Education, Cincinnati Children's Hospital Medical Center, "Gene Therapy for Fanconi Anemia," Cincinnati, Ohio 2004

Invited Speaker, Cancer Free Kids Gala, "Childhood Caner," Cincinnati, Ohio 2004

Invited Speaker, Clinical Research Associate's Education Session, "Current Approaches to AML Therapy, "Children's Oncology Group Meeting, Atlanta, Georgia, 2004

Co-Sponsor, Organizing Committee and Session Chair, Stem Transplantation in Children, Meeting 8, Scottsdale, Arizona, 2005

Co-Organizer, Third Annual Midwest Blood Club Symposium, Louisville, Kentucky, 2005

Invited Speaker, Principle Investigator/Research Coordinator Symposium, "Overview of Clinical Trials," 28th Annual Meeting of the National Sickle Cell Disease Programs, Cincinnati, Ohio, 2005

Invited Speaker, Provider Performance Improvement: Up Close and Personal, "Division of Hematology/Oncology: Physician Performance Based Measurements," First Annual Medical Staff Conference on Provider-Specific Performance, Cincinnati, Ohio, 2005

Invited Speaker, Grant Seminar Series, "K Awards," Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, 2005

Invited Speaker, FACT Clinical Standards, Section B, Foundation for the Accreditation of Cellular Therapy Inspector Training and Preparing Your Center For Inspection Workshops, International Society for Cellular Therapy, Vancouver, British Columbia, Canada, 2005
Invited Speaker, Fanconi Anemia Research Foundation Family Meeting, "Bone Marrow Transplantation in Fanconi Anemia Patients," Camp Sunshine, Maine 2005

Invited Speaker, 7th Annual Southwest Pediatric and Neonatal Hematology/Oncology for the Practitioner, University School of New Mexico Health Sciences Center and School of Medicine, "Bone Marrow Failure Syndromes," Albuquerque, New Mexico, 2005

Invited Speaker, National Marrow Donor Program, "Pediatric Acute Myeloid Leukemia:

Advances, Evidence, and the Future," Minneapolis, Minnesota, 2006

Invited Speaker, Fanconi Anemia Research Foundation Family Meeting, "Approaches to Bone Marrow Failure" Camp Sunshine, Maine 2006

Visiting Professor, University of New Mexico Health Sciences Center and School of Medicine, "Fanconi Anemia: A Model Disease From Bench to Bed Therapy," Albuquerque, New Mexico, 2006

Sponsor, Organized, Chair and Session Chair, Stem Transplantation in Children, Meeting #9, San Diego, California, 2007

Invited Speaker, Foundation for the Accreditation of Cellular Therapy Inspector Training and Preparing Your Center for Inspection Workshop, Keystone, CO, 2007

Invited Professor, "Pediatric Myeloid Leukemia: Past, Present and Future", Division of Hematology, Centre Universitaire de Sante McGill, McGill University Health Center and Montreal General Hospital, Montreal, Canada, September 2007

Invited Professor, "Fanconi Anemia: A Model for Translational Research", McGill University Health Center and L'Hospital de Montreal Pour Enfants, Montreal, Canada, September 2007

Invited Professor, "Pediatric Myeloid Leukemia: Past, Present and Future", Grand Rounds, University of Montreal, Hospital Sainte-Justine, Montreal, Canada, 2007

Invited Professor, "Fanconi Anemia: A Model For Translational Research", Baylor University, Texas Children's Hospital, Houston, TX, 2007

Invited Speaker, The Challenges and Rewards of Investigator Initiated Trials, Translational Research Trials Office of Sponsored Symposium, Cincinnati, 2008

Invited Speaker, Cincinnati Children's Hospital Medical Center: Estate Planning Strategies for Low Interest Rates "Drug Development and Pediatric Cancer", Cincinnati, Ohio, May 15, 2008

Invited Speaker, The Leukemia & Lymphoma Society, "The Road to Discovery: Emerging Therapies in Blood Cancers", Cincinnati, Ohio, September 17, 2008

Invited Speaker, 10th Annual Southwest Pediatric and Neonatal Hematology/Oncology for the Practitioner, University School of New Mexico Health Sciences Center and School of Medicine, "What the Pediatrician Should Know about Leukemia in Children and Adolescents," Albuquerque, New Mexico, 2008

Meeting Moderator, Transplantation for Bone Marrow Failure and Acute Myeloid Leukemia in Fanconi Anemia, Fanconi Anemia Research Fund, Eugene, Oregon, 2008

Invited Speaker, 20th Annual Fanconi Anemia Research Fund Scientific Symposium,

Eugene, Oregon, 2008

Invited Speaker, Contemporary Women's Club, "Childhood Cancer", Cincinnati, Ohio, 2008

Invited Speaker, Symposium of Visiting Professors on Myeloid Leukemia, "Acute Myeloid Leukemia in Children: Past, Present and Future", Children's National Medical Center, Washington, DC, 2008

Invited Speaker, Greenville Hospital System Children's Hospital, "Acute Myeloid Leukemia in Children", Greenville, South Carolina, 2009

Invited Speaker, Biomedical Case Studies, Wofford College, "How Will We Improve the Outcome for Children with Cancer?", Spartanburg, South Carolina, 2009

PUBLICATIONS

Peer-Reviewed Manuscripts:

1. Ochs HD, Nonoyama S, Smith FO. "The SCID Mouse, a Model for a Human Diseases." Japanese Journal of Clinical Immunology, 13: 423, 1990

2. Brawner DL, Smith FO, Mori M, Nonoyama S. "Adherence Of Candida Albicans To Tissues From Mice With Genetic Immunodeficiencies." Infection and Immunity, 59:3069-3078, 1991

3. Broudy VC, Smith FO, Lin N, Zsebo KM, Egrie J, Bernstein ID. "Blasts From Patients With Acute Myelogenous Leukemia Express Functional Receptors For Stem Cell Factor." Blood, 80:60-67, 1992

4. Bernstein ID, Singer JW, Smith FO, Andrew RG, Flowers D, Petersens J, Steinmann L, Najfeld V, Arlin Z, Fialkow PJ. "Differences In The Frequency Of Normal and Clonal Precursor Of Colony-Forming Cells In CML and AML." Blood, 79:1811-1816, 1992

5. Smith FO, Lampkin B, Dinndorf P, Versteeg C, Buckley JD, Woods W, Flowers D, Hammond D, Bernstein ID. "Lymphoid-Associated Cell Surface Antigens On Childhood Acute Myeloid Leukemia Lack Prognostic Significance." Blood, 79:2415-2422, 1992

6. Nonoyama S, Smith FO, Bernstein ID, Ochs HD. "Strain Dependent Leakiness Of SCID Mice." Journal Of Immunology, 150:3817-3824, 1993

7. Yamanaka K, Kwok W, Michelson EM, Masewicz S, Smith FO, Nepom GT. "Selective T-Cell Receptor Gene Usage In Allorecognition And Graft-Versus-Host Disease." Transplantation, 55:1167-1175, 1993

8. Smith FO, Raskind WH, Waldron P, Steinmann LJ, Matsushita M, Singer JW, Lampkin BC, Woods WG, Lange BL, Hammond GD, Fialkow PJ, Bernstein ID. “Clonal Remission In Acute Myeloid Leukemia Is An Infrequent Event.” Leukemia, 7:929-932, 1993

9. Brashem-Stein C, Flowers D, Smith FO, Staats SJ, Andrews RG, Bernstein ID. “Ontogeny Of Hematopoietic Stem Cell Development: Reciprocal Expression Of CD33 And A Novel Molecule By Maturing Myeloid And Erythroid Progenitors.” Blood, 82:792-799, 1993

10. Nonoyama S, Smith FO, Ochs HD. “Specific Antibody Production To A Recall Of A Neoantigen By SCID Mice Reconstituted With Human Peripheral Blood Lymphocytes.” Journal of Immunology, 151:3894-3901, 1993

11. Sorensen PHB, Chen C-S, Smith FO, Arthur DC, Bernstein ID, Domer PH, Korsmeyer SJ, Hammond GD, Kersey JH. “Molecular Rearrangements Of The MLL Gene Are Present In Most Cases Of Infant AML And Are Strongly Correlated With Monocytic or Myelomonocytic Phenotypes.” Journal of Clinical Investigation, 93:429-437, 1994

12. Ekert H, Sievers EL, Tan A, Martin DIK, Smith FO, Barnard D, Bernstein ID. “GATA-1 Is Expressed In Acute Erythroid Leukemias.” British Journal of Hematology, 86:410-412, 1994

13. Smith FO, Broudy VC, Zsebo KM, Lampkin BC, Buckley CV, Buckley JD, Opie T, Woods WG, Hammond GD, Bernstein ID. “The Cell Surface Expression of c-kit Receptors By Childhood Acute Myeloid Leukemia Blasts Is Not of Prognostic Value: A Report From The Children’s Cancer Group.” Blood, 84:847-852, 1994

14. Huss R, Smith FO, Myerson DH, Deeg HJ. “Homing and Immunogenicity of Murine Stromal Cells Transfected With Xenogeneic MHC Class II Genes.” Cell Transplantation 4:483-491, 1995

15. Sievers EL, Smith FO, Lee JW, Woods WG, Bleyer WA, Bernstein ID. “Cell Surface Expression of the Multidrug Resistance P-Glycoprotein (P-170) As Detected By Monoclonal Antibody MRK16 In Pediatric Acute Myeloid Leukemia Fails To Define A Poor Prognostic Group: A Report From the Children’s Cancer Group.” Leukemia, 9:2042-2048, 1995

16. Smith FO, Rauch C, Williams DE, March C, Arthur D, Hilden J, Lampkin BC, Buckley JD, Buckley CV, Woods WG, Dinndorf PA, Sorensen P, Kersey J, Hammond D, Bernstein ID. “The Human Homologue of Rat NG2, A Chondroitin Sulfate Proteoglycan, Is Not Expressed On The Cell Surface Of Normal Hematopoietic Cells But Is Expressed By Acute Myeloid Leukemia Blasts From Poor Prognosis Patients With Abnormalities Of Chromosome Band 11q23.” Blood, 87:1123-1133, 1996

17. Behm FG, Smith FO, Raimondi SC, Pui C-H, Bernstein ID. “A Unique Monoclonal Antibody 7.1 Identifies Childhood Acute Lymphoblastic Leukemias With t(4;11)(q21;q23) or t(11;19)(q23;p13) and MLL Gene Rearrangements.” Blood, 87:1134-1139, 1996

18. McKenna HJ, Smith FO, Brasel K, Hirschstein D, Lyman SD, Williams DE. “The Effects of flt3 Ligand on Acute Myeloid and Lymphocytic Leukemic Blast Cells From Children.” Experimental Hematology, 24:378-385, 1996

19. Walters MC, Patience M, Leisenring W, Eckman JR, Scott JP, Mentzer WC, Davies SC, Ohene-Trempong K, Bernaudin F, Matthews DC, Storb R, Sullivan KM. Contributing Authors*: Buchanan GR*, Darbyshire PJ*, Parkman R*, Dickeroff R*, Smith FO*, Sanders JE*. “Bone Marrow Transplantation For Sickle Cell Transplantation.” New England Journal of Medicine 335:369-376, 1996

20. Smith FO, Johnson MS, Scherer LR, Faught P, Breitfeld PP, Albright E, Hillier SC, Gowan D, Smith PD, Robertson KA, Emanuel D. “Transjugular Intrahepatic Portosystemic Shunting (TIPS) For Treatment of Severe Hepatic Veno-Occlusive Disease.” Bone Marrow Transplantation, 18:643-646, 1996

21. Sievers EL, Lange BJ, Buckley J, Smith FO, Wells DA, Daigneault-Creech CA, Bernstein ID, Loken MR. “Prediction of Relapse In Pediatric Acute Myeloid Leukemia By Multidimensional Flow Cytometry.” Journal of the National Cancer Institute, 88:1483, 1996

22. Hilden JM, Smith FO, Fretedt JL, McGlennen R, Howells W, Sorensen PHB, Arthur DC, Woods WG, Buckley J, Bernstein ID, Kersey JH. “MLL Gene Rearrangement, Cytogenetic 11q23 Abnormalities, and Expression of the NG2 Molecule In Infant Acute Myeloid Leukemia.” Blood, 89:3801-3805, 1997

23. Emanuel DJ, Lucas KG, Mallory GB, Edwards-Brown MK, Conrad PD, Robertson KA, Smith FO. “Treatment of Posttransplant Lymphoproliferative Disease In The Central Nervous System Of A Lung Transplant Recipient Using Allogeneic Leukocytes.” Transplantation, 63:1691-1694, 1997

24. Sullivan KM, Walters MC, Patience M, Leisenring W, Buchanan GR, Castro O, Davies SC, Dickerhoff R, Eckman JR, Graham ML, Ohene-Frempong K, Powars D, Rogers Z, Scott JP, Styles L, Vichinsky E, Wall D, Wayne A, Wiley J, Wingard J, Bunin N, Camitta B, Darbyshire PJ, Dinndorf P, Klingebiel T, McMahon L, Mentzer WC, Olivieri N, Orringer E, Parkman R, Roberts IAG, Sanders JE, Smith FO, Storb R. “Collaborative Study of Marrow Transplantation for Sickle Cell Disease: Aspects Specific for Transplantation of Hemoglobin Disorders.” Bone Marrow Transplantation, 19:102-105, 1997

25. Dagher R, Robertson KA, Lucas KG, Emanuel D, Smith FO. “Outpatient Total Body Irradiation For Pediatric Patients Undergoing Stem Cell Transplantation.” Bone Marrow Transplantation, 19:1065-1067, 1997

26. Walters MC, Patience M, Leisenring W, Rogers ZR, Dinndorf P, Davies SC, Roberts IAG, Yeager A, Kurtzberg J, Bunin N, Scott JP, Wall DA, Wayne AS, Wiley J, Darbyshire PJ, Mentzer WC, Smith FO, Sullivan KM. “Collaborative Multicenter Investigation of Marrow Transplantation for Sickle Cell Disease: Current Results and Future Directions.” Biology of Blood and Marrow Transplantation, 3:310-315, 1997

27. Lange BJ, Kobrinsky N, Barnard DR, Arthur DC, Buckley JD, Howells WB, Gold S, Sanders J, Neudorf S, Smith FO, Woods WG. "Distinctive Demography, Biology, And Outcome of Acute Myeloid Leukemia And Myelodysplastic Syndrome In Children With Down Syndrome: Children's Cancer Group Studies 2861 And 2891." Blood, 91:608-615, 1998

28. McCarthy L, Smith FO, Emanuel D, Orazi A, Danielson C, Thompson C, Thomas C, Kreissman S. "Platelet Depletion During Pediatric Peripheral Blood Progenitor Cell (PBPC) Harvesting." Transfusion Science 19:61, 1998

29. Dagher R, Kreissman S, Robertson KA, Provisor A, Bergstein J, Burke K, Emanuel D, Smith FO. "High Dose Chemotherapy With Autologous Peripheral Blood Progenitor Cell Transplantation In An Anephric Child With Multiply Recurrent Wilm's Tumor." Journal of Pediatric Hematology/Oncology 20:357-360, 1998

30. Loh ML, McLean TW, Buckley JD, Howells WB, Golub TR, Gilliland DG, Smith FO. "Lack of TEL-AML1 Fusion In Pediatric AML; Further Evidence For Lineage Specificity of TEL-AML1." Leukemia Research 22:461-464, 1998

31. Sievers EL, Appelbaum FR, Spielberger RT, Forman SJ, Flowers D, Smith FO, Berger MS, Shannon-Dorcy K, Bernstein ID. "Selective Ablation of Leukemic Hematopoiesis Using An Anti-CD33-Calicheamicin Immunoconjugate." Blood, 93:3678-3684, 1999

32. Smith FO. "Cord Blood Transplantation In the Era Of Managed Care." Cancer Research, Therapy and Control, 8: 375-376, 1999

33. Youn B, Kim CH, Smith FO, Broxmeyer HE. "TECK, An Efficacious Chemoattractant for Human Thymocytes, Uses GPR-9-6/CCR9 As a Specific Receptor." Blood, 94: 2533-2536, 1999

34. Kotylo P, Seo IS, Smith FO, Heerema NA, Fineberg N, Miller K, Greene ME, Chou P, Orazi A. "Flow Cytometric Immunophenotypic Characterization of Pediatric and Adult Minimally Differentiated Acute Myeloid Leukemia (AML-MO)." American Journal of Clinical Pathology, 113:193-200, 2000

35. Walters MC, Storb R, Patience M, Leisenring W, Taylor T, Sanders JE, Buchanan GR, Rogers ZR, Dinndorf P, Davies SC, Roberts IAG, Dickerhoff R, Yeager A, Hsu L, Kurtzberg J, Ohene-Frempong K, Bunin N, Bernaudin F, Wong W-Y, Scott JP, Margolis D, Vichinsky E, Wall DA, Wayne AS, Pegelow C, Redding-Lallinger R, Wiley J, Klemperer M, Mentzer WC, Smith FO, Sullivan KM and the Multicenter Investigation of Bone Marrow Transplantation for Sickle Cell Disease. "Impact of Bone Marrow Transplantation For Symptomatic Sickle Cell Disease: An Interim Report". Blood 95: 1918-1924, 2000

36. Smith FO, Kurtzberg J, Karson EM, Howe CWS, Wilfond B, Broxmeyer HE, Mastroianni AL, Gross S, Sugarman J. "Umbilical Cord Blood Collection, Storage and Transplantation: Issues and Recommendations for Parents and Patients." Cancer Research, Therapy and Control 10: 217-226, 2000

37. Woods EJ, Liu J, Derrow CW, Smith FO, Williams DA, Critser JK. "Osmometric and Permeability Characteristics of Human Placental/Umbilical Cord Blood CD34+ Cells and Their Application to Cryopreservation." Journal of Hematotherapy & Stem Cell Research 9: 161-173, 2000

38. Abonour R, Williams DA, Einhorn L, Hall K, Chen J, Coffman J, Traycoff CM, Bank A, Kato I, Ward M, Williams SD, Hromas R, Robertson MJ, Smith FO, Woo D, Mills B, Srour EF, Cornetta K. "Efficient Retroviral-Mediated MDR-1 Gene Transfer Into Autologous Human Long-Term Repopulating Hematopoietic Stem Cells." Nature Medicine 6: 652-658, 2000

39. Thomson BG, Robertson KA, Gowan D, Heilman D, Broxmeyer HE, Emanuel D, Brahmi Z, Smith FO. "Analysis of Engraftment, Graft Versus Host Disease and Immune Recovery Following Unrelated Donor Cord Blood Transplantation." Blood 96: 2703-2711, 2000

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41. Munzer SR and Smith FO. "Limited Property Rights in Umbilical Cord Blood for Transplantation." Journal of Pediatric Hematology/Oncology 23: 203-207, 2001

42. Brahmi Z, Hommel-Berrey G, Smith F, Thomson B. "NK Cells Recover Early and Mediate Cytotoxicity Via Both Perforin/Granzyme and Fas/FasL Pathways in Umbilical Cord Blood Recipients." Human Immunology, 62: 782-790, 2001

43. Croop JM, Cooper R, Fernandez C, Graves V, Kreissman S, Hanenberg H, Smith FO, Williams DA. "Mobilization and Collection of Peripheral Blood CD34+ Cells from Patients with Fanconi Anemia," Blood, 98: 2917-2921, 2001

44. Shpall E, Adkins D, Appelbaum F, Keating A, LeMaistre CF, Mangen K, Smith F. ASBMT Council Report: "American Society for Blood and Marrow Transplantation Guidelines for Training." Biology of Blood and Marrow Transplantation, 7: 577, 2001

45. Melemed AS, Vance G, Kotylo PK, Smith FO. "Potential Role of Hematopoietic Stem Cell Transplantation in Children with Secondary Acute Lymphocytic Leukemia." Bone Marrow Transplantation, 29: 173-175, 2002

46. Smith FO, King R, Nelson G, Wagner JE, Robertson KA, Sanders JE, Bunin N, Emanuel PD, Davies SM. "Unrelated Donor Bone Marrow Transplantation for Children with Juvenile Myelomonocytic Leukemia," British Journal of Haematology, 116: 716-724, 2002

47. Jeha S, Smith FO, Estey E, Shen Y, Liu D, Manshouri T, Albitar M. "Comparison Between Pediatric Acute Myeloid Leukemia (AML) and Adult AML in VEGF and KDR (VEGF-R2) protein levels," Leukemia Research, 26: 399-402, 2002

48. Sievers EL, Lange BJ, Alonzo TA, Gerbing MS, Bernstein ID, Smith FO, Arceci RJ,

49. Woods EJ, Liu J, Pollok K, Hartwell J, Smith FO, Williams DA, Yoder MC, Critser JK. "A Theoretically Optimized Method for Cord Blood Stem Cryopreservation." Journal of Hematotherapy Stem Cell Research, 12: 341-350, 2003

50. Verstovsek S, Manshouri T, Smith FO, Giles FJ, Cortes J, Estey E, Kantarjan H, Keating M, Jeha S, Albitar M. Telomerase Activity is Prognostic in Pediatric Patients with Acute Myeloid Leukemia: Comparison with Adult Acute Myeloid Leukemia. Cancer 97: 2212-2217, 2003

51. Gamis AS, Williams WG, Alonzo TA, Buxton A, Lange B, Barnard DR, Gold S, Smith FO. "Increased Age at Diagnosis Has a Significantly Negative Effect on Outcome in Children with Down Syndrome and Acute Myeloid Leukemia-A Report from the Children's Cancer Group Study, CCG-2891," Journal of Clinical Oncology 21: 3415-3422, 2003

52. Lange BJ, Dinndorf P, Smith FO, Arndt C, Barnard D, Feig S, Feusner J, Seibel N, Weiman M, Aplenc R, Gerbing R, Alonzo TA. "Pilot Study of Idarubicin-Based Intensive-Timing Induction Therapy for Children with Previously Untreated Acute Myeloid Leukemia: Children's Cancer Group Study 2941," Journal of Clinical Oncology 22: 150-156, 2004

53. Canfield KN, Spector LG, Robison LL, Lazovich DeAnn, Roesler M, Oshan AF, Smith FO, Heerema NA, Barnard D, Blair CK, Ross JA. "Childhood and Maternal Infections and Risk of Acute Myeloid Leukemia in Children with Down Syndrome: A Report from the Children's Oncology Group." British Journal of Cancer 91: 1866-1872, 2004

54. Lange BJ, Gerbing RB, Feusner J, Skolnik J, Sacks N, Smith FO, Alonzo TA. "Excess Mortality in Morbidity Obese and Underweight Pediatric Patients with Acute Myeloid Leukemia." Journal of American Medical Association 293: 203-211, 2005

55. Alonzo TA, Wells RJ, Woods WG, Lange B, Gerbing RB, Neudorf S, Sanders J, Smith FO, Feig SA. "Postremission Therapy for Children with Acute Myeloid Leukemia. The Children's Cancer Group Experience in the Transplant Era." Leukemia 19: 965-970, 2005

56. Arceci RJ, Sande J, Lange B, Shannon F, Franklin J, Hutchinson R, Vik T, Flowers D, Leopold L, Sherman ML, Smith FO, Bernstein I, Sievers EL. "Safety and Efficacy of Gemtuzumab Ozogamicin (Mylotarg®) in Pediatric Patients with Advanced CD33-Positive Acute Myeloid Leukemia." Blood 106: 1183-1188, 2005

57. Ross JA, Blair CK, Olshan AF, Robison LL, Smith FO, Heerema NA, Roesler M. "Periconceptional Vitamin Use and Leukemia Risk in Children with Down Syndrome: A Children's Oncology Group Study." Cancer 104: 405-410, 2005

58. Radeva J, Van Scoyoc E, Smith FO, Curtis L, Breitfeld PP. "National Estimate of Use of

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60. Aplenc R, Alonzo TA, Gerbing RB, Smith FO, Meshinchi S, Ross JA, Perentesis J, Woods WG, Lange BJ, Davies SM. "Ethnicity and Survival in Childhood Acute Myeloid Leukemia: A Report from the Children's Oncology Group." Blood 108(1): 74-80, 2006

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