

CURRICULUM VITAE

A. Personal Information

Name in Full	Thomas D. Coates, M.D.
Business Address	Children's Hospital Los Angeles Division of Hematology-Oncology 4650 Sunset Boulevard, MS 54 Los Angeles, CA 90027
Business Phone	(323) 361-2352
Home Address	1311 Rossmoyne Avenue Glendale, CA 91207
Place of Birth	Bay City, MI
Citizenship	U.S.A.
E-Mail Address	tcoates@chla.usc.edu

B. Education

College or University	College, Saginaw, MI, A.S., 1969 University of Michigan, Ann Arbor, MI, B.S. (Physics), 1971
Medical School	University of Michigan School of Medicine, Ann Arbor, MI, M.D., 1975
Internship	James Whitcomb Riley Hospital for Children (Pediatrics), Indianapolis, IN, 1975 – 1976
Residency	James Whitcomb Riley Hospital for Children (Pediatrics), Indianapolis, IN, 1976 – 1978
Fellowship	James Whitcomb Riley Hospital for Children (Pediatric Hematology-Oncology, Clinical Appointment), Indianapolis, IN, 1978 – 1979 James Whitcomb Riley Hospital for Children, (Pediatric Hematology-Oncology, Research Appointment), Indiana University School, Indianapolis, IN, 1979 – 1982
Honors and Awards	President, Phi Theta Kappa Junior College Honorary

	Sigma Xi Research Honorary
	National Research Service Award, July 1979 – July 1982
	American Cancer Society Junior Faculty Clinical Contract, No JFCF702B, July 1982 – June 1986
	H. Russell Smith Award for Innovation in Pediatric Biomedical Research July 14, 2009
Licensure	27995, Indiana, 1976 G56123, California, 1986
Board Certification	American Board of Medical Examiners, 1976 American Board of Pediatrics, 1980 (#24947) American Board of Pediatrics Sub/Board of Hematology-Oncology, 1982 (#582)
Other	Certified Investigator by Committee on Clinical Investigation (IRB: M-118- O2NR) 10/24/05

C. Professional Background

Academic appointments

Assistant Scientist and Part-time Assistant Professor, Division of Pediatric Hematology-Oncology, James Whitcomb Riley Hospital for Children, Indiana University School of Medicine, Indianapolis, IN 1982 – 1985.

Assistant Professor of Pediatrics, James Whitcomb Riley, Indiana University School of Medicine, Indianapolis, IN 05/85 – 08/85.

Assistant Professor of Pediatrics, USC School of Medicine, Los Angeles, CA., University of Southern California, 09/85 – 06/92.

Associate Professor of Pediatrics (with tenure), USC School of Medicine, Los Angeles, CA 07/92 – present.

Associate Professor of Pathology, USC School of Medicine, Los Angeles, CA., University of Southern California, 02/96 – 01/05.

Professor of Pediatrics and Pathology (with tenure), 2/05, USC School of Medicine, Los Angeles, CA., University of Southern California 06/92 – present.

Clinical Administrative Appointments

Attending Physician, Children's Hospital Los Angeles, Division of Pediatrics, Department of Hematology and Oncology, Los Angeles, CA 1985 – Present.

Specific teaching responsibilities

Indiana University

Clinical Lecturer Senior Elective in Hematology Clinic Indiana University School of Medicine

Lecturer, Pediatric Graduate Course, Indiana University School of Medicine

University of Southern California-Keck School of Medicine

Teach medical students and residents in wards and clinics

Lecture to various groups within the University and in continuing educational program on clinical and research topics

Mentor fellows in clinical Hematology-Oncology

Thesis advisor to graduate students. Mentor to post-doctoral fellows in the research laboratory

University of Southern California

Lecturer to medical students "Neutrophil Function and disorders"

Supervise graduate students, Department of Pathology graduate program

Supervise graduate students, Department of Biomedical Engineering

Teach Pediatric Residents on wards and in Clinic

Specific Administrative Responsibilities

Director, White Cell Function Laboratory, Department of Pathology, Children's Hospital Los Angeles, September 1985 – June 1992

Section Head of Hematology-Division of Pediatric Hematology-Oncology, Children's Hospital Los Angeles, Los Angeles, CA July 1991 – present

Director, Bone Marrow Laboratory, Division of Pediatric Hematology, Children's Hospital Los Angeles, Los Angeles, CA July 1992 – July 2010

Director of Medical Informatics, Department of Information Services, Children's Hospital Los Angeles, Los Angeles, CA August 1993 – August 2001

Director, Red Cell Defects and Hemoglobinopathy Program, Children's Hospital Los Angeles, Los Angeles, CA April 1995 – present

Director, Computerized Database Management and Analysis System (CDMAS), for the CHLA General Clinical Research Center (GCRC) April 1995 – December 2007

Medical Director, Comprehensive Hemophilia Treatment Center, Children's Hospital Los Angeles, Los Angeles, CA, July 1997 – August 2001

Director Image Analysis and Confocal Microscopy Core Facility, Children's Hospital Los Angeles Research Institute, July 1, 1999 – December 2007

Military Service

Deferred

Community Service

Advisory Board, California Cooley's Anemia Foundation Southern California July 1, 1999 – 2009

Advisory Board, Sickle Cell Foundation of California 8/1/1997 – 2009

Advisory Board, Sickle Cell Institute of Los Angeles 2/1/2000 – 6/1/2003

Medical Advisory Board, Cooley's Anemia Foundation National, 8/1/2007 – Present

D. Society Memberships**Local**

Los Angeles Pediatric Society
Microscopy Society of California

National

American Society of Pediatric Hematology-Oncology

American Society of Hematology

The Society for Pediatric Research

European Hematology Association

American Pediatrics Society 2010

Consultantships

Iron Overload in β Thalassemia and sickle cell disease: A Multi-center Study: RO1 DK057778-01 (Steering Committee) 1/2001 – 2005.

Sickle cell and Neupogen safety, 2003, Amgen, Thousand Oaks CA.

Iron overload and sickle cell disease, Novartis, Berkley CA 6/23/2003.

Thios Pharmaceuticals, Role of anti-PSGL1 in treatment of acute chest syndrome. April 2004 – 2005.

ICL 670 in Sickle Cell Disease, Novartis, May 9, 2005.

Improving Transfusion Outcomes conference, Washington DC, June 11, 2005.

Iron overload and cardiac iron, ApoPharma, September, 2007.

ApoPharma, iron overload in thalassemia and sickle cell disease, 12/2008

Consultant Novartis 8/2003, 11/04, 5/2005.

Consultant BMF 12/2003.

Consultant Novartis Pharmaceuticals 2004 – present.

Consultant ApoPharma 9/2007, 12/2009.

Sangart, Blood substitutes in sickle cell disease, 2/10/2009 – present.

Novartis Advisory Panel on MRI and LPI use in Iron Overload 1/10/2011, Paris France.

ApoPharma FDA approval team. Backup presenter for Advisory Board meeting September, 2011.

Chair, Apo Pharma Ferriprox Advisory Board, Los Angeles, CA, 10/20/2012.

ApoPharma Consultant, Multi Center Trial “Use of deferiprone in SCD” multi center trial. December 7, 2012 Atlanta.

AesRx Consultant, Aes-135 Hemoglobin P50 shifting agent. December 9, 2012, Atlanta.

Bio Products Laboratory Limited, (BPL) Consultant Intravenous haptoglobin study. December 10, 2012, Atlanta.

Blue Bird Bio Consultant, HGB-204 study. Clinical protocol consulting group for international gene therapy in thalassemia study. 2012.

International Study committee, SHIRE pharma, SPD602 study. 2013.

ApoPharma Neutropenia advisory committee, 2013.

ISIS Pharma Consultant, 2015

Celgene Pharma Consultant, 2015

Prolong Pharma Consultant, 2015-July 2016

Emmaus Medical Inc. Mock FDA Advisory Panel Member, 5/10/2017

E. Service

Professional Organizations

National and International

Children’s Cancer Study Group Computer Committee (Chair) 1987 – 1989.

Children’s Cancer Study Group High Risk Leukemia Committee 1985 – 1992.

B19 prevalence in sickle cell disease (Chair: NHLBI) 1999 – 6/30/2004.

Member Protocol Review panel for Pediatric Hydroxyurea trials, NHLBI Nov 2003 – present.

Executive committee Stroke Prevention Trial (STOP II), NHLBI / University of Georgia.

Steering Committee Iron Overload in β Thalassemia and sickle cell disease: A Multi-center Study: RO1 DK057778-01.

Executive committee Silent Stroke Trial, NHLBI, Feb 2004 – July 1, 2005.

Publications committee, American Society for Pediatric Hematology/Oncology Feb. 2004 – 2006.

Scientific Subcommittee for Iron, American Society for Hematology, 12/2006 – 12/2010.

Steering Committee Thalassemia Clinical Research Network, 2006 – present.

Executive committee for the Silent Stroke study (NHLBI) 2/2004 – 6/31/2005.

Publications committee American Society for Pediatric Hematology Oncology, 2/2004 – 2007.

Medical advisory Board National Cooley’s Anemia Foundation , 12/2006 – present.

Vice Chair Scientific Subcommittee on Iron and Hemoglobin, American Society for Hematology, 2008 – 2009.

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