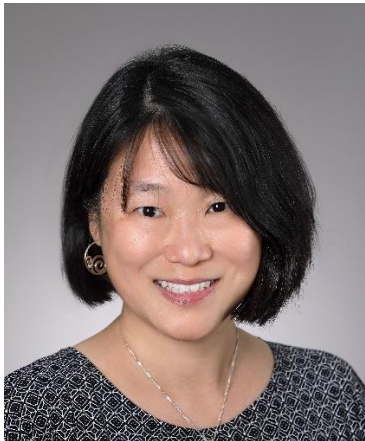


Name	Sung-Yun Pai, M.D.	
Current Position	Branch Chief, Immune Deficiency – Cellular Therapy Program, Center of Cancer Research, National Cancer Institute, National Institutes of Health Medical Director, NIH Transplantation and Cellular Therapy Clinical Program	
Country	United States	
Major Field	Pediatric Hematology-Oncology	

Educational Background

1999-2007 Postdoctoral Fellow, Rheumatology/Allergy/Immunology, Brigham and Women's Hospital, Laboratory of I-Cheng Ho and Laurie Glimcher, Boston, Massachusetts

1998-2001 Fellow in Pediatric Hematology-Oncology, Boston Children's Hospital and Dana-Farber Cancer Institute, Boston, Massachusetts

1994-1997 Internship and Residency, Pediatrics, Boston Children's Hospital, Boston, Massachusetts

1994 M.D. (cum laude), Harvard Medical School, Boston, Massachusetts

1989 B.A. (East Asian Languages and Civilizations, magna cum laude)
Harvard-Radcliffe College, Cambridge, Massachusetts

Professional Experience

2020-present Chief, Immune Deficiency Cellular Therapy Program, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, Maryland

2020-present Senior Investigator, Immune Deficiency Cellular Therapy Program, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, Maryland

2016-2020 Associate Professor in Pediatrics, Harvard Medical School, Boston, Massachusetts

2007-2016 Assistant Professor in Pediatrics, Harvard Medical School, Boston, Massachusetts

2001-2007 Instructor in Pediatrics, Harvard Medical School, Boston, Massachusetts

2001-2020 Attending Physician, Boston Children's Hospital and Dana-Farber Cancer Institute, Boston, Massachusetts

Other Experience and Professional Memberships

American Society of Hematology

American Society of Transplantation and Cellular Therapy

Inborn Errors Working Party, European Bone Marrow Transplant Society

American Society of Pediatric Hematology-Oncology

Society for Pediatric Research

American Pediatric Society

Main Scientific Publications

1. Burroughs LM, Petrovic A, Brazauskas R, Liu X, Griffith LM, Ochs HD, Bleesing JJ, Edwards S, Dvorak CC, Chaudhury S, Prockop SE, Quinones R, Goldman FD, Quigg TC, Chandrakasan S, Smith AR, Parikh S, Dávila Saldaña BJ, Thakar MS, Phelan R, Shenoy S, Forbes LR, Martinez C, Chellapandian D, Shereck E, Miller HK, Kapoor N, Barnum JL, Chong H, Shyr DC, Chen K, Abu-Arja R, Shah AJ, Weinacht KG, Moore TB, Joshi A, DeSantes KB, Gillio AP, Cuvelier GDE, Keller MD, Rozmus J, Torgerson T, Pulsipher MA, Haddad E, Sullivan KE, Logan BR, Kohn DB, Puck JM, Notarangelo LD, Pai SY, Rawlings DJ, Cowan MJ. Excellent outcomes following hematopoietic cell transplantation for Wiskott-Aldrich syndrome: a PIDTC report. *Blood*. 2020 Jun 4;135(23):2094-2105. PubMed Central PMCID: PMC7273831.

2. Miggelbrink AM, Logan BR, Buckley RH, Parrott RE, Dvorak CC, Kapoor N, Abdel-Azim H, Prockop SE, Shyr D, Decaluwe H, Hanson IC, Gillio A, Dávila Saldaña BJ, Eibel H, Hopkins G, Walter JE, Whangbo JS, Kohn DB, Puck JM, Cowan MJ, Griffith LM, Haddad E, O'Reilly RJ, Notarangelo LD, Pai SY. B-cell differentiation and IL-21 response in IL2RG/JAK3 SCID patients after hematopoietic stem cell transplantation. *Blood*. 2018 Jun 28;131(26):2967-2977. PubMed Central PMCID: PMC6024640.

3. *Hacein-Bey-Abina S, *Pai SY, Gaspar HB, Armant M, Berry CC, Blanche S, Bleesing J, Blondeau J, de Boer H, Buckland KF, Caccavelli L, Cros G, De Oliveira S, Fernández KS, Guo D, Harris CE, Hopkins G, Lehmann L, Lim A, London W, van der Loo JC, Malani N, Male F, Malik P, Marinovic MA, McNicol AM, Moshous D, Neven B, Oleastro M, Picard C, Ritz J, Rivat C, Schambach A, Shaw KL, Sherman EA, Silberstein LE, Six E, Touzot F, Tsytsykova A, Xu-Bayford J, Baum C, Bushman FD, Fischer A, Kohn DB, Filipovich AH, Notarangelo L, Cavazzana M, Williams D, Thrasher AJ. A modified γ -retrovirus vector for X-linked severe combined immunodeficiency. *New England Journal of Medicine*. 2014 Oct 9; 371(15): 1407-17. PubMed PMID: 25295500.

4. Pai SY, Logan BR, Griffith LM, Buckley RH, Parrott RE, Dvorak CC, Kapoor N, Hanson IC, Filipovich AH, Jyonouchi S, Sullivan KE, Small TN, Burroughs L, Skoda-Smith S, Haight AE, Grizzle A, Pulsipher MA, Chan KW, Fuleihan RL, Haddad E, Loechelt B, Aquino VM, Gillio A, Davis J, Knutsen A, Smith AR, Moore TB, Schroeder ML, Goldman FD,



Connelly JA, Porteus MH, Xiang Q, Shearer WT, Fleisher TA, Kohn DB, Puck JM, Notarangelo LD, Cowan MJ, O'Reilly RJ. Transplantation outcomes for severe combined immunodeficiency, 2000-2009. N Engl J Med. 2014 Jul 31;371(5):434-46. PubMed Central PMCID: PMC4183064.
