Stanford



Michael Jeng

Professor of Pediatrics (Hematology/Oncology)

Pediatrics - Hematology & Oncology

CLINICAL OFFICE (PRIMARY)

- **LPCH Dept of Oncology**

  750 Welch Rd Ste 200

  Palo Alto, CA 94304

  Tel (650) 723-5535 **Fax** (650) 723-5231

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Xitlali Jimenez - Admin Assoc

  Email xitlalli@stanford.edu

  Tel 650-723-5535

Bio

CLINICAL FOCUS

- Hematology, Pediatric
- Vascular anomalies
- Histiocytic disorders
- Langerhans cell histiocytosis
- Hemophagocytic Lymphohistiocytosis
- Pediatric Hematology-Oncology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Pediatrics - Hematology & Oncology
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Interim Division Chief, Pediatric Hematology/Oncology, Stanford University School of Medicine, (2017-2018)
- Fellowship Program Director, Pediatric Hematology/Oncology, Stanford University School of Medicine, (2016-2021)
- Bass Center Inpatient Medical Director, Lucile Packard Children's Hospital Stanford, (2014-2016)
- Chair, Pharmacy and Therapeutics Committee, Lucile Packard Children's Hospital, (2005-2013)

HONORS AND AWARDS

- Dr. Marion Koerper Award for Medical Excellence, Hemophilia Foundation of Northern California (2009)
- St. Jude Teaching Award, LeBonheur Children's Hospital (2002)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board of Directors, American Society of Pediatric Hematology Oncology (2022 - present)
- Editorial Board, Pediatric Hematology Oncology (2019 - present)

- Chair, Training Committee, American Society of Pediatric Hematology Oncology (ASPHO) (2018 - 2020)
- Associate Editor, Pediatric Research (2017 - present)
- Practice Committee, American Society of Pediatric Hematology Oncology (ASPHO) (2010 - 2016)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Hematology-Oncology, American Board of Pediatrics (2000)
- Fellowship: UCSF Pediatric Hematology/Oncology Fellowship (1999) CA
- Residency: Children's Memorial Hospital (1996) IL
- Medical Education: Case Western Reserve School of Medicine (1993) OH
- B.A., Bowdoin College , Biology, Philosophy (1989)

COMMUNITY AND INTERNATIONAL WORK

- Hemophilia Camp Medical Volunteer

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Research interests focus on the clinical care and treatment of children with disorders in 2 clinical areas 1) histiocytic disorders, such as Langerhans cell histiocytosis, and hemophagocytic lymphohistiocytosis, and 2) vascular anomalies and malformations.

CLINICAL TRIALS

- A Open Label, Post Marketing Surveillance Study Following Transfusion of INTERCEPT Platelet Components, Not Recruiting
- A Study to Compare Vincristine to Sirolimus for Treatment of High Risk Vascular Tumors, Not Recruiting
- Hokusai Study in Pediatric Patients With Confirmed Venous Thromboembolism (VTE), Not Recruiting
- Palatability and Tolerability of Deferasirox Taken With Meals, With Different Liquids or Crushed and Added to Food, Not Recruiting
- Phase 1 Pediatric Pharmacokinetics/Pharmacodynamics (PK/PD) Study, Not Recruiting
- Vinblastine/Prednisone Versus Single Therapy With Cytarabine for Langerhans Cell Histiocytosis (LCH), Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pediatric Hem/Onc (Fellowship Program)

Publications

PUBLICATIONS

- **Multicenter, multivendor validation of liver quantitative susceptibility mapping in patients with iron overload at 1.5T and 3T.** *Magnetic resonance in medicine*
  Buelo, C. J., Velikina, J., Mao, L., Zhao, R., Yuan, Q., Ghasabeh, M. A., Ruschke, S., Karampinos, D. C., Harris, D. T., Mattison, R. J., Jeng, M. R., Pedrosa, I., Kamel, et al
  2024
- **Langerhans cell histiocytosis: NACHO update on progress, chaos, and opportunity on the path to rational cures.** *Cancer*
  Bielamowicz, K., Dimitrion, P., Abla, O., Bomken, S., Campbell, P., Collin, M., Degar, B., Diamond, E. L., Eckstein, O. S., El-Mallawany, N., Fluchel, M., Goyal, G., Henry, et al
  2024
- **Practical Application of Multivendor MRI-Based R2* Mapping for Liver Iron Quantification at 1.5 T and 3.0 T.** *Journal of magnetic resonance imaging : JMRI*

Simchick, G., Zhao, R., Yuan, Q., Ghasabeh, M. A., Ruschke, S., Karampinos, D. C., Harris, D. T., do Vale Souza, R., Mattison, R. J., Jeng, M. R., Pedrosa, I., Kamel, I. R., Vasanawala, et al

2024

- **Acute Pulmonary Injury in Hematology Patients Supported with Pathogen Reduced and Conventional Platelet Components.** *Blood advances*

  Wheeler, A. P., Snyder, E. L., Refaai, M. A., Cohn, C. S., Poisson, J., Fontaine, M. J., Sehl, M., Nooka, A. K., Uhl, L., Spinella, P. C., Fenelus, M., Liles, D. K., Coyle, et al

  2024

- **Treatment practices and response in kaposiform hemangioendothelioma: A multicenter cohort study.** *Pediatric blood & cancer*

  Borst, A. J., Eng, W., Griffin, M., Ricci, K. W., Engel, E., Adams, D. M., Dayneka, J., Cohen-Cutler, S. J., Andreoli, S. M., Wu, M. D., Wheeler, A. P., Heym, K. M., Crary, et al

  2023: e30779

- **18F-FDG PET/MRI AND DIFFUSION-WEIGHTED MRI FOR STAGING AND TREATMENT MONITORING OF LANGERHANS CELL HISTIOCYTOSIS IN CHILDREN**

  Jeng, M., Baratto, L., Nyalakonda, R., Theruvath, A., Rashidi, A., Sundaram, V., States, L., Aboian, M., Daldrup-Link, H. E.

  WILEY.2023: S24-S25

- **Comparison of whole-body DW-MRI with 2-[18F]FDG PET for staging and treatment monitoring of children with Langerhans cell histiocytosis.** *European journal of nuclear medicine and molecular imaging*

  Baratto, L., Nyalakonda, R., Theruvath, A. J., Sarrami, A. H., Hawk, K. E., Rashidi, A., Shen, S., States, L., Aboian, M., Jeng, M., Daldrup-Link, H. E.

  2023

- **Response to sirolimus in capillary lymphatic venous malformations and associated syndromes: Impact on symptomatology, quality of life, and radiographic response.** *Pediatric blood & cancer*

  Engel, E. R., Hammill, A., Adams, D., Phillips, R. J., Jeng, M., Tollefson, M. M., Iacobas, I., Schiff, D., Greenberger, S., Kelly, M., Frieden, I., Zaghloul, N., Drolet, et al

  2023: e30215

- **Assessment of Hormonal Contraceptive Utilization and Associated Odds of Hypercoagulopathy in Patients with Venous Malformations Using a National Claims Database.** *Clinical drug investigation*

  Wang, J., Qian, M. F., Jeng, M. R., Teng, J. M.

  2023

- **Validation of liver quantitative susceptibility mapping across imaging parameters at 1.5 T and 3.0 T using SQUID susceptometry as reference.** *Magnetic resonance in medicine*

  Zhao, R., Velikina, J., Reeder, S. B., Vasanawala, S., Jeng, M., Hernando, D.

  2022

- **Multicenter Reproducibility of Liver Iron Quantification with 1.5-T and 3.0-T MRI.** *Radiology*

  Hernando, D., Zhao, R., Yuan, Q., Aliyari Ghasabeh, M., Ruschke, S., Miao, X., Karampinos, D. C., Mao, L., Harris, D. T., Mattison, R. J., Jeng, M. R., Pedrosa, I., Kamel, et al

  2022: 213256

- **How we approach localized vascular anomalies.** *Pediatric blood & cancer*

  Pahl, K. S., Pabon-Ramos, W. M., Jeng, M. R.

  2022; 69 Suppl 3: e29321

- **Socio-behavioral dysfunction in disorders of hypothalamic-pituitary involvement: The potential role of disease-induced oxytocin and vasopressin signaling deficits.** *Neuroscience and biobehavioral reviews*

  Clarke, L., Zyga, O., Pineo-Cavanaugh, P. L., Jeng, M., Fischbein, N. J., Partap, S., Katznelson, L., Parker, K. J.

  2022: 104770

- **Comparative risk of pulmonary adverse events with transfusion of pathogen reduced and conventional platelet components.** *Transfusion*

  Snyder, E. L., Wheeler, A. P., Refaai, M., Cohn, C. S., Poisson, J., Fontaine, M., Sehl, M., Nooka, A. K., Uhl, L., Spinella, P., Fenelus, M., Liles, D., Coyle, et al

  2022

- **Central Nervous System Xanthoma Disseminatum: Response to 2CdA in an Adolescent.** *Case reports in pediatrics*

  DeMoss, P., Tang, N., Yeom, K., Chiang, A., Marqueling, A. L., Jeng, M. R.

2022; 2022: 9906668

- **Impact of Platelet Transfusion on Pulmonary Function of Hematology Oncology Patients: The Piper Study**
  Wheeler, A. P., Snyder, E. L., Refaai, M. A., Cohn, C. S., Poisson, J., Fontaine, M. J., Sehl, M., Nooka, A. K., Uhl, L., Spinella, P. C., Fenelus, M., Liles, D., Coyle, et al
  AMER SOC HEMATOLOGY.2021

- **IFN-gamma Signature in the Plasma Proteome Distinguishes Pediatric Hemophagocytic Lymphohistiocytosis from Sepsis and SIRS.** *Blood advances*
  Lin, H., Scull, B. P., Goldberg, B. R., Abhyankar, H. A., Eckstein, O. S., Zinn, D. J., Lubega, J., Agrusa, J., El-Mallawanay, N. K., Gulati, N., Forbes, L. R., Chinn, I. K., Chakraborty, et al
  2021

- **NEONATAL POLYCYTHEMIA ASSOCIATED WITH NONIMMUNE THROMBOCYTOPENIA**
  Verscaj, C., Jeng, M., Lo, L.
  WILEY.2021: S119-S120

- **CD8+T CELLS FROM PATIENTS WITH HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS DISPLAY A DISTINCTIVE ACTIVATION PROFILE IN CONTRAST TO THOSE FROM PATIENTS WITH SEPSIS**
  Chaturvedi, V., Owsley, E., Chaturvedi, V., Marsh, R. A., Wong, H. R., Allen, C. E., Teachey, D. T., Henry, M. M., Greenberg, J. N., Ladisch, S., Hermiston, M. L., Jeng, M., Naqvi, et al
  WILEY.2021

- **T cell activation profiles distinguish hemophagocytic lymphohistiocytosis and early sepsis.** *Blood*
  Chaturvedi, V., Marsh, R. A., Lorenz, A. Z., Owsley, E., Chaturvedi, V., Nguyen, T., Goldman, J., Henry, M. M., Greenberg, J., Ladisch, S., Hermiston, M. L., Jeng, M. R., Naqvi, et al
  2020

- **Venous malformations.** *Seminars in pediatric surgery*
  Cooke-Barber, J., Kreimer, S., Patel, M., Dasgupta, R., Jeng, M.
  2020; 29 (5): 150976

- **Correlative study of disease activity in Langerhans cell histiocytosis.**
  Edwards, J., Jeng, M.
  LIPPINCOTT WILLIAMS & WILKINS.2020

- **Hypoferritinemia and iron deficiency in youth with pediatric acute-onset neuropsychiatric syndrome.** *Pediatric research*
  Chan, A. n., Karpel, H. n., Spartz, E. n., Willett, T. n., Farhadian, B. n., Jeng, M. n., Thienemann, M. n., Frankovich, J. n.
  2020

- **A somatic activating NRAS variant associated with kaposiform lymphangiomatosis** *GENETICS IN MEDICINE*
  Barclay, S. F., Inman, K. W., Luks, V. L., McIntyre, J. B., Al-Ibraheemi, A., Church, A. J., Perez-Atayde, A. R., Mangray, S., Jeng, M., Kreimer, S. R., Walker, L., Fishman, S. J., Alomari, et al
  2019; 21 (7): 1517–24

- **Second-line treatments in children with immune thrombocytopenia: Effect on platelet count and patient-centered outcomes** *AMERICAN JOURNAL OF HEMATOLOGY*
  Grace, R. F., Shimano, K. A., Bhat, R., Neunert, C., Bussel, J. B., Klaassen, R. J., Lambert, M. P., Rothman, J. A., Breakey, V. R., Hege, K., Bennett, C. M., Rose, M. J., Haley, et al
  2019; 94 (7): 741–50

- **The impact of intraoperative thromboelastography and blood product utilization during pediatric liver transplantation in a single center**
  Ruiz, R., Lee, H., Mendoza, J., Burgis, J. C., Damian, M., Esquivel, C. O., Jeng, M.
  WILEY.2019

- **STAGE IV EPSTEIN-BARR VIRUS (EBV) CLASSIC HODGKIN LYMPHOMA (CHL) WITH HEPATIC INVOLVEMENT MEETING CRITERIA FOR HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS (HLH) AT STANFORD: CLOSE MIMIC VERSUS TRUE HLH?**
  Martin, B., Weiner, H., Lau, E., Jeng, M.
  WILEY.2019: S29–S30

- **Dietary Iron Deficiency Anemia in Children** *NUTRITIONAL ANEMIA: SCIENTIFIC PRINCIPLES, CLINICAL PRACTICE, AND PUBLIC HEALTH*
  Lo, C., Jeng, M.

edited by Means, R. T.
2019: 96–102

- **Langerhans Cell Histiocytosis of the Gastrointestinal Tract: Evidence for Risk Organ Status.** *The Journal of pediatrics*
  Yoon, H. S., Lee, J. H., Michlitsch, J. n., Garcia-Carega, M. n., Jeng, M. n.
  2019

- **A multicenter study of patients with multisystem Langerhans cell histiocytosis who develop secondary hemophagocytic lymphohistiocytosis.** *Cancer*
  Chellapandian, D., Hines, M. R., Zhang, R., Jeng, M., van den Bos, C., Santa-Maria Lopez, V., Lehmberg, K., Sieni, E., Wang, Y., Nakano, T., Williams, J. A., Fustino, N. J., Astigarraga, et al
  2018

- **Management of Complex Arteriovenous Malformations Using a Novel Combination Therapeutic Algorithm.** *JAMA dermatology*
  Chelliah, M. P., Do, H. M., Zinn, Z., Patel, V., Jeng, M., Khosla, R. K., Truong, M., Marqueling, A., Teng, J. M.
  2018; 154 (11): 1316–19

- **Physician decision making in selection of second-line treatments in immune thrombocytopenia in children** *AMERICAN JOURNAL OF HEMATOLOGY*
  Grace, R. F., Despotovic, J. M., Bennett, C. M., Bussel, J. B., Neier, M., Neunert, C., Crary, S. E., Pastore, Y. D., Klaassen, R. J., Rothman, J. A., Hege, K., Breakey, V. R., Rose, et al
  2018; 93 (7): 882–88

- **CNS Langerhans Cell Histiocytosis: Common Hematopoietic Origin for LCH-Associated Neurodegeneration and Mass Lesions** *CANCER*
  McClain, K. L., Picarsic, J., Chakraborty, R., Zinn, D., Lin, H., Abhyankar, H., Scull, B., Shih, A., Lim, K., Eckstein, O., Lubega, J., Peters, T. L., Olea, et al
  2018; 124 (12): 2607–20

- **Leukocyte and plasma activation profiles in chronically transfused patients with a history of allergic reactions** *TRANSFUSION*
  Fontaine, M. J., Shih, H., Schubert, R., Wong, W., Andrews, J., Jeng, M., Tirouvanziam, R.
  2017; 57 (11): 2639–48

- **Development and Initial Validation of the Macrophage Activation Syndrome/Primary Hemophagocytic Lymphohistiocytosis Score, a Diagnostic Tool that Differentiates Primary Hemophagocytic Lymphohistiocytosis from Macrophage Activation Syndrome** *JOURNAL OF PEDIATRICS*
  Minoia, F., Bovis, F., Davi, S., Insalaco, A., Lehmberg, K., Shenoi, S., Weitzman, S., Espada, G., Gao, Y., Anton, J., Kitoh, T., Kasapcopur, O., Sanner, et al
  2017; 189: 72-+

- **Long-Term Follow-Up of Lymphatic Malformations in Children Treated with Sildenafil** *PEDIATRIC DERMATOLOGY*
  Tu, J. H., Tafoya, E., Jeng, M., Teng, J. M.
  2017; 34 (5): 559–65

- **Multisite external validation of a risk prediction model for the diagnosis of blood stream infections in febrile pediatric oncology patients without severe neutropenia.** *Cancer*
  Esbenshade, A. J., Zhao, Z., Aftandilian, C., Saab, R., Wattier, R. L., Beauchemin, M., Miller, T. P., Wilkes, J. J., Kelly, M. J., Fernbach, A., Jeng, M., Schwartz, C. L., Dvorak, et al
  2017

- **Case Report: Clinical Variation in Children With Thrombopoietin Receptor (C-MPL) Mutations: Report of 2 Cases.** *Journal of pediatric hematology/oncology*
  Lo, C. n., Alvarez, E. n., Ohgami, R. S., Jeng, M. n.
  2017

- **Clinical Characteristics and Quality of Life of Children with ITP Starting Second Line Treatments: Data from the ITP Consortium of North America ICON1 Study**
  Grace, R. F., Klaassen, R. J., Rothman, J. A., Hege, K., Neufeld, E. J., Bennett, C. M., Lambert, M., Breakey, V. R., Bussel, J. B., Buchanan, G. R., Rose, M. J., Geddis, A., Shimano, et al
  AMER SOC HEMATOLOGY.2016

- **Hemophagocytic Lymphohistiocytosis in Langerhans Cell Histiocytosis: A Multicenter Retrospective Descriptional Study**

Chellapandian, D., Zhang, R., Jeng, M., van den Bos, C., Lopez, V., Lehmberg, K., Sieni, E., Wang, Y., Nakano, T., Williams, J., Fustino, N., Astigarraga, I., Dunkel, et al
WILEY-BLACKWELL.2016: S38–S39

- **Elevated CSF Osteopontin and Peripheral Blood Cells with BRAF Mutations in Patients with Langerhans Cell Histiocytosis-Associated Neurodegeneration**
  Zinn, D., Picarsic, J., Chakraborty, R., Lin, H., Abhyankar, H., Scull, B., Shih, A., Lim, K., Simko, S., Eckstein, O., Peters, T. L., Olea, W., Burke, et al
  WILEY-BLACKWELL.2016: S37–S38
- **Pregnancy Complicated by Gorham-Stout Disease and Refractory Chylothorax.** *AJP reports*
  Hellyer, J., Oliver-Allen, H., Shafiq, M., Tolani, A., Druzin, M., Jeng, M., Rockson, S., Lowsky, R.
  2016; 6 (4): e355-e358
- **Erratum: Pregnancy Complicated by Gorham-Stout Disease and Refractory Chylothorax.** *AJP reports*
  Hellyer, J., Oliver-Allen, H., Shafiq, M., Tolani, A., Druzin, M., Jeng, M., Rockson, S., Lowsky, R.
  2016; 6 (4)
- **Langerhans Cell Histiocytosis Enters the Genomics Age** *ONCOLOGY-NEW YORK*
  Jeng, M.
  2016; 30 (2): 140-141
- **Updated analysis: central venous access device infection rates in an expanded cohort of paediatric patients with severe haemophilia receiving prophylactic recombinant tissue plasminogen activator.** *Haemophilia*
  McCarthy, C. E., O'Brien, M., Andrews, J., Zoland, J. M., Macasiray, E., Wong, W., Lo, C., Glader, B., TAMARESIS, J., Jeng, M.
  2016; 22 (1): 81-86
- **Genes Influencing the Development and Severity of Chronic ITP Identified through Whole Exome Sequencing**
  Despotovic, J. M., Polfus, L. M., Flanagan, J. M., Bennett, C. M., Lambert, M. P., Neunert, C., Kumar, M., Klaassen, R. J., Thornburg, C., Jeng, M., Recht, M., Kirk, S. E., Thompson, et al
  AMER SOC HEMATOLOGY.2015
- **Single amino acid charge switch defines clinically distinct proline-serine-threonine phosphatase-interacting protein 1 (PSTPIP1)-associated inflammatory diseases** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*
  Holzinger, D., Fassl, S. K., de Jager, W., Lohse, P., Roehrig, U. F., Gattorno, M., Omenetti, A., Chiesa, S., Schena, F., Austermann, J., Vogl, T., Kuhns, D. B., Holland, et al
  2015; 136 (5): 1337-1345
- **The ASPHO 2015 Distinguished Career Award goes to Dr. Winfred C. Wang, MD.** *Pediatric blood & cancer*
  Hankins, J., Reiss, U., Jeng, M.
  2015; 62: 19-20
- **Dissecting the Heterogeneity of Macrophage Activation Syndrome Complicating Systemic Juvenile Idiopathic Arthritis** *JOURNAL OF RHEUMATOLOGY*
  Minoia, F., Davi, S., Horne, A., Bovis, F., Demirkaya, E., Akikusa, J., Ayaz, N. A., Al-Mayouf, S. M., Barone, P., Bica, B., Bolt, I., Breda, L., De Cunto, et al
  2015; 42 (6): 994-1001
- **Evaluation of Febrile, Nonneutropenic Pediatric Oncology Patients with Central Venous Catheters Who Are Not Given Empiric Antibiotics** *JOURNAL OF PEDIATRICS*
  Bartholomew, F., Aftandilian, C., Andrews, J., Gutierrez, K., Luna-Fineman, S., Jeng, M.
  2015; 166 (1): 157-162
- **Genomic analysis of bone marrow failure and myelodysplastic syndromes reveals phenotypic and diagnostic complexity.** *Haematologica*
  Zhang, M. Y., Keel, S. B., Walsh, T., Lee, M. K., Gulsuner, S., Watts, A. C., Pritchard, C. C., Salipante, S. J., Jeng, M. R., Hofmann, I., Williams, D. A., Fleming, M. D., Abkowitz, et al
  2015; 100 (1): 42-48
- **Malignant Transformation of Infantile Hemangioma to Angiosarcoma: Response to Chemotherapy With Bevacizumab** *PEDIATRIC BLOOD & CANCER*
  Jeng, M. R., Fuh, B., Blatt, J., Gupta, A., Merrow, A. C., Hammill, A., Adams, D.
  2014; 61 (11): 2115-2117

- **Mediastinal Kaposiform Hemangioendothelioma and Kasabach-Merritt Phenomenon in a Patient with no Skin Changes and a Normal Chest CT.** *Pediatric hematology and oncology*
  Wallenstein, M. B., Hole, M. K., McCarthy, C., Fijalkowski, N., Jeng, M., Wong, W. B.
  2014; 31 (6): 563-567

- **Elevated tricuspid regurgitant jet velocity in subgroups of thalassemia patients: insight into pathophysiology and the effect of splenectomy** *ANNALS OF HEMATOLOGY*
  Singer, S. T., Kuypers, F., Fineman, J., Gildengorin, G., Larkin, S., Sweeters, N., Rosenfeld, H., Kurio, G., Higa, A., Jeng, M., Huang, J., Vichinsky, E. P.
  2014; 93 (7): 1139-1148

- **Oxandrolone for the treatment of bone marrow failure in Fanconi anemia.** *Pediatric blood & cancer*
  Rose, S. R., Kim, M., Korbee, L., Wilson, K. A., Douglas Ris, M., Eyal, O., Sherafat-Kazemzadeh, R., Bollepalli, S., Harris, R., Jeng, M. R., Williams, D. A., Smith, F. O.
  2014; 61 (1): 11-19

- **Immune Thrombocytopenia in Children Less Than 1 Year of Age: A Single-institution 10-year Experience.** *Journal of pediatric hematology/ oncology*
  Lo, C., Wong, W., Glader, B., Jeng, M.
  2013; 35 (5): 406-408

- **Clofarabine salvage therapy for refractory high-risk langerhans cell histiocytosis.** *Pediatric blood & cancer*
  Abraham, A., Alsultan, A., Jeng, M., Rodriguez-Galindo, C., Campbell, P. K.
  2013; 60 (6): E19-22

- **MONTHLY RECOMBINANT TISSUE PLASMINOGEN ACTIVATOR ADMINISTRATION TO IMPLANTABLE CENTRAL VENOUS ACCESS DEVICES DECREASES INFECTIONS IN CHILDREN WITH HEMOPHILIA: UPDATED ANALYSIS FROM AN EXPANDED COHORT**
  McCarthy, C., Zoland, J., Macasiray, E., Wong, W., Glader, B., Jeng, M.
  WILEY-BLACKWELL.2013: S17–S17

- **An exploratory epidemiological study of Langerhans cell histiocytosis** *PEDIATRIC BLOOD & CANCER*
  Venkatramani, R., Rosenberg, S., Indramohan, G., Jeng, M., Jubran, R.
  2012; 59 (7): 1324-1326

- **Response to steroids predicts response to rituximab in pediatric chronic immune thrombocytopenia** *PEDIATRIC BLOOD & CANCER*
  Grace, R. F., Bennett, C. M., Ritchey, A. K., Jeng, M., Thornburg, C. D., Lambert, M. P., Neier, M., Recht, M., Kumar, M., Blanchette, V., Klaassen, R. J., Buchanan, G. R., Kurth, et al
  2012; 58 (2): 221-225

- **Estimation of liver T*2 in transfusion-related iron overload in patients with weighted least squares T*2 IDEAL** *MAGNETIC RESONANCE IN MEDICINE*
  Vasanawala, S. S., Yu, H., Shimakawa, A., Jeng, M., Brittain, J. H.
  2012; 67 (1): 183-190

- **Disseminated Intravascular Coagulation Due to IgM-Mediated Autoimmune Hemolytic Anemia** *PEDIATRIC BLOOD & CANCER*
  Bleakly, N. T., Fontaine, M. J., Pate, L. L., Sutherland, S. M., Jeng, M.
  2011; 57 (2): 329-331

- **IMMUNE-MEDIATED THROMBOCYTOPENIA IN CHILDREN LESS THAN 1 YEAR OF AGE: A SINGLE-INSTITUTION 10-YEAR EXPERIENCE**
  Lo, C., Newman, A., Wong, W., Glader, B., Jeng, M.
  WILEY-BLACKWELL.2011: 915–15

- **Diffuse Infantile Hepatic Hemangiomas: A Report of Four Cases Successfully Managed with Medical Therapy** *PEDIATRIC DERMATOLOGY*
  Yeh, I., Bruckner, A. L., Sanchez, R., Jeng, M. R., Newell, B. D., Frieden, I. J.
  2011; 28 (3): 267-275

- **The role of vanin-1 and oxidative stress-related pathways in distinguishing acute and chronic pediatric ITP** *BLOOD*
  Zhang, B., Lo, C., Shen, L., Sood, R., Jones, C., Cusmano-Ozog, K., Park-Snyder, S., Wong, W., Jeng, M., Cowan, T., Engleman, E. G., Zehnder, J. L.
  2011; 117 (17): 4569-4579

- **Effect of chronic red cell transfusion therapy on vasculopathies and silent infarcts in patients with sickle cell disease** *AMERICAN JOURNAL OF HEMATOLOGY*
  Gyang, E., Yeom, K., Hoppe, C., Partap, S., Jeng, M.
  2011; 86 (1): 104-106

- **Apoptosis and Pediatric Idiopathic Neutropenia** *CURRENT PEDIATRIC REVIEWS*
  Garcia, M., Jeng, M., Nadeau, K.
  2011; 7 (4): 321–28

- **Response to Steroids Predicts Response to Rituximab In Pediatric Chronic Immune Thrombocytopenia**
  Grace, R. F., Bennett, C. M., Ritchey, A., Jeng, M. R., Thornburg, C., Lambert, M., Neier, M., Recht, M., Kumar, M., Blanchette, V., Klaassen, R., Buchanan, G. R., Kurth, et al
  AMER SOC HEMATOLOGY.2010: 1510

- **Adherence to Study Medication and Visits: Data From the BABY HUG Trial** *PEDIATRIC BLOOD & CANCER*
  Thornburg, C. D., Rogers, Z. R., Jeng, M. R., Rana, S. R., Iyer, R. V., Faughnan, L., Hassen, L., Marshall, J., McDonald, R. P., Wang, W. C., Huang, X., Rees, R. C.
  2010; 54 (2): 260-264

- **Fusion of PDGFRB to two distinct loci at 3p21 and a third at 12q13 in imatinib-responsive myeloproliferative neoplasms** *BRITISH JOURNAL OF HAEMATOLOGY*
  Hidalgo-Curtis, C., Apperley, J. F., Stark, A., Jeng, M., Gotlib, J., Chase, A., Cross, N. C., Grand, F. H.
  2010; 148 (2): 268-273

- **Monthly recombinant tissue plasminogen activator administration to implantable central venous access devices decreases infections in children with haemophilia** *HAEMOPHILIA*
  Jeng, M. R., O'Brien, M., Wong, W., Zoland, J., Lea, J., Tang, N., Glader, B.
  2009; 15 (6): 1272-1280

- **Neonatal Alloimmune Thrombocytopenia and Neutropenia Associated With Maternal Human Leukocyte Antigen Antibodies** *PEDIATRIC BLOOD & CANCER*
  Gramatges, M. M., Fani, P., Nadeau, K., Pereira, S., Jeng, M. R.
  2009; 53 (1): 97-99

- **Idiopathic neutropenia of childhood is associated with Fas/FasL expression** *CLINICAL IMMUNOLOGY*
  Nadeau, K. C., Callejas, A., Wong, W. B., Joh, J. W., Cohen, H. J., Jeng, M. R.
  2008; 129 (3): 438-447

- **Study Drug and Visit Adherence: Data from the BABY HUG Trial** *50th Annual Meeting of the American-Society-of-Hematology/ASH/ASCO Joint Symposium*
  Thornburg, C. D., Rogers, Z. R., Wang, W., Jeng, M., Rana, S. R., Iyer, R. V., Faughnan, L., Marshall, J., Hassen, L., McDonald, R., Rees, R. C.
  AMER SOC HEMATOLOGY.2008: 461–61

- **Clofarabine in refractory Langerhans cell histiocytosis** *PEDIATRIC BLOOD & CANCER*
  Rodriguez-Galindo, C., Jeng, M., Khuu, P., McCarville, M. B.
  2008; 51 (5): 703-706

- **Neonatal heparin overdose-a multidisciplinary team approach to medication error prevention.** *The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG*
  Arimura, J., Poole, R. L., Jeng, M., Rhine, W., Sharek, P.
  2008; 13 (2): 96-98

- **Relative response of patients with myelodysplastic syndromes and other transfusion-dependent anaemias to deferasirox (ICL670): a 1-yr prospective study** *EUROPEAN JOURNAL OF HAEMATOLOGY*
  Porter, J., Galanello, R., Saglio, G., Neufeld, E. J., Vichinsky, E., Cappellini, M. D., Olivieri, N., Piga, A., Cunningham, M. J., Soulieres, D., Gattermann, N., Tchernia, G., Maertens, et al
  2008; 80 (2): 168-176

- **Precursor B-Cell acute lymphoblastic leukemia presenting with hemophagocytic lymphohistiocytosis** *PEDIATRIC BLOOD & CANCER*
  O'Brien, M. M., Lee-Kim, Y., George, T. I., McClain, K. L., Twist, C. J., Jeng, M.
  2008; 50 (2): 381-383

- **Gene expression and pathway analysis of immune thrombocytopenic purpura** *BRITISH JOURNAL OF HAEMATOLOGY*
  Sood, R., Wong, W., Gotlib, J., Jeng, M., Zehnder, J. L.
  2008; 140 (1): 99-103

- **Cold agglutinin syndrome in pediatric liver transplant recipients** *PEDIATRIC TRANSPLANTATION*
  Wong, W., Merker, J. D., Nguyen, C., Berquist, W., Jeng, M., Viele, M., Glader, B., Fontaine, M. J.
  2007; 11 (8): 931-936

- **Phase Ib clinical trial of starch-conjugated deferoxamine (40SD02): a novel long-acting iron chelator** *BRITISH JOURNAL OF HAEMATOLOGY*
  Harmatz, P., Grady, R. W., Dragsten, P., Vichinsky, E., Giardina, P., Madden, J., Jeng, M., Miller, B., Hanson, G., Hedlund, B.
  2007; 138 (3): 374-381

- **Prospective evaluation of patient-reported outcomes during treatment with deferasirox or deferoxamine for iron overload in patients with beta-thalassemia** *CLINICAL THERAPEUTICS*
  Cappellini, M. D., Bejaoui, M., Agaoglu, L., Porter, J., Coates, T., Jeng, M., Lai, M. E., Mangiagli, A., Strauss, G., Girot, R., Watman, N., Ferster, A., Loggetto, et al
  2007; 29 (5): 909-917

- **Gene expression profile of idiopathic thrombocytopenic purpura (ITP) reveals elevated expression of interferon regulated genes.** *48th Annual Meeting of the American-Society-of-Hematology*
  Sood, R., Wong, W., Gotlib, J., Jeng, M., Zehnder, J. L.
  AMER SOC HEMATOLOGY.2006: 211A–211A

- **Darbepoetin alfa and ferric gluconate ameliorate the anemia associated with recessive dystrophic epidermolysis bullosa** *PEDIATRIC DERMATOLOGY*
  Kuo, D. J., Bruckner, A. L., Jeng, M. R.
  2006; 23 (6): 580-585

- **Increased prevalence of iron-overload associated endocrinopathy in thalassaemia versus sickle-cell disease** *BRITISH JOURNAL OF HAEMATOLOGY*
  Fung, E. B., Harmatz, P. R., Lee, P. D., Milet, M., Bellevue, R., Jeng, M. R., Kalinyak, K. A., Hudes, M., Bhatia, S., Vichinsky, E. P.
  2006; 135 (4): 574-582

- **Gene expression profile of idiopathic thrombocytopenic purpura (ITP)** *2nd Expert Meeting of the Intercontinental-Childhood-ITP-Study-Group (ICIS)*
  Sood, R., Wong, W., Jeng, M., Zehnder, J. L.
  WILEY PERIODICALS, INC.2006: 675–77

- **Application of a geographic information system to explore associations between air pollution and micronucleus frequencies in African American children and adults** *ENVIRONMENTAL AND MOLECULAR MUTAGENESIS*
  Huen, K., Gunn, L., Duramad, P., Jeng, M., Scalf, R., Holland, N.
  2006; 47 (4): 236-246

- **Granulocyte-macrophage colony stimulating factor and immunosuppression in the treatment of pediatric acquired severe aplastic anemia** *PEDIATRIC BLOOD & CANCER*
  Jeng, M. R., Naidu, P. E., Rieman, M. D., Rodriguez-Galindo, C., Nottage, K. A., Thornton, D. T., Li, C. S., Wiang, W. C.
  2005; 45 (2): 170-175

- **Frequency of Fanconi anemia in Brazil and efficacy of screening for the FANCA 3788-3790del mutation** *BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH*
  Magdalena, N., Pilonetto, D. V., Bitencourt, M. A., Pereira, N. F., Ribeiro, R. C., Jeng, M., Pasquini, R.
  2005; 38 (5): 669-673

- **Epstein-Barr virus-associated peripheral T-cell lymphoma and hemophagocytic syndrome arising after liver transplantation: Case report and review of the literature** *PEDIATRIC BLOOD & CANCER*
  George, T. I., Jeng, M., Berquist, W., Cherry, A. M., Link, M. P., Arber, D. A.
  2005; 44 (3): 270-276

- **Chronic transfusion therapy for children with sickle cell disease and recurrent acute chest syndrome** *44th Annual Meeting of the American-Society-of-Hematology*

Hankins, J., Jeng, M., Harris, S., Li, C. S., Liu, T. B., Wang, W.
LIPPINCOTT WILLIAMS & WILKINS.2005: 158–61

- **Hematologic problems in immigrants from Ssutheast Asia** *HEMATOLOGY-ONCOLOGY CLINICS OF NORTH AMERICA*
  Jeng, M. R., Vichinsky, E.
  2004; 18 (6): 1405-?
- **Natural history of moderate aplastic anemia in children** *PEDIATRIC BLOOD & CANCER*
  Howard, S. C., Naidu, P. E., Hu, X. J., Jeng, M. R., Rodriguez-Gallindo, C., Rieman, M. D., Wang, W. C.
  2004; 43 (5): 545-551
- **Cow's milk allergy in a patient with hyper-IgE syndrome** *ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY*
  Hernandez-Trujillo, V. P., Nguyen, W. T., Belleau, J. T., Jeng, M., Conley, M. E., Lew, D. B.
  2004; 92 (4): 469-474
- **Extranodal Rosai-Dorfman disease in children** *JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY*
  Rodriguez-Galindo, C., Helton, K. J., Sanchez, N. D., Rieman, M., Jeng, M., Wang, W.
  2004; 26 (1): 19-24
- **Effects of erythrocytapheresis transfusion on the viscoelasticity of sickle cell blood** *CLINICAL HEMORHEOLOGY AND MICROCIRCULATION*
  Thurston, G. B., Henderson, N. M., Jeng, M.
  2004; 30 (2): 83-?
- **Effects of erythrocytapheresis transfusion on the viscoelasticity of sickle cell blood.** *Clinical hemorheology and microcirculation*
  Thurston, G. B., Henderson, N. M., Jeng, M.
  2004; 30 (2): 83-97
- **Effects of erythrocytapheresis transfusion on the viscoelasticity of sickle cell blood** *CLINICAL HEMORHEOLOGY AND MICROCIRCULATION*
  Thurston, G. B., Henderson, N. M., Jeng, M.
  2004; 30 (1): 61-75
- **Identification of hemochromatosis gene polymorphisms in chronically transfused patients with sickle cell disease** *AMERICAN JOURNAL OF HEMATOLOGY*
  Jeng, M. R., Adams-Graves, P., Howard, T. A., Whorton, M. R., Li, C. S., Ware, R. E.
  2003; 74 (4): 243-248
- **A phase 1b study of the safety, pharmacokinetics, acute tolerability, and efficacy of ascending single doses of 40SDO2 (CHF5140, GS 460) in iron-loaded patients.**
  Harmatz, P., Grady, R. W., Vichinsky, E., Giardina, P. J., Jeng, M., Madden, J., Nugent, K. A., Dragsten, P., Hedlund, B.
  AMER SOC HEMATOLOGY.2003: 121A
- **Liver transplantation for acute Budd-Chiari syndrome in identical twin sisters with factor V leiden mutation** *TRANSPLANTATION*
  Nezakatgoo, N., Shokouh-Amiri, M. H., Gaber, A. O., Grewal, H. P., Vera, S. R., Chamsuddin, A. A., Eshun, J. K., Jeng, M.
  2003; 76 (1): 195-198
- **Resolution of chronic hepatic sequestration in a patient with homozygous sickle cell disease receiving hydroxyurea** *JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY*
  Jeng, M. R., Rieman, M. D., Naidu, P. E., Kaste, S. C., Jenkins, J. J., Serjeant, G., Wang, W. C.
  2003; 25 (3): 257-260
- **Pseudotumor cerebri in two adolescents with acquired aplastic anemia** *JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY*
  Jeng, M. R., Rieman, M., Bhakta, M., Helton, K., Wang, W. C.
  2002; 24 (9): 765-768
- **Summary of symposium: the future of stem cell transplantation for sickle cell disease.** *Journal of pediatric hematology/oncology*
  Woodard, P., Jeng, M., Handgretinger, R., Wang, W., Cunningham, J.
  2002; 24 (7): 512-514
- **Treatment of children with Langerhans cell histiocytosis with 2-chlorodeoxyadenosine** *AMERICAN JOURNAL OF HEMATOLOGY*

Rodriguez-Galindo, C., Kelly, P., Jeng, M., Presbury, G. G., Rieman, M., Wang, W.
2002; 69 (3): 179-184

- **Central venous catheter complications in sickle cell disease** *AMERICAN JOURNAL OF HEMATOLOGY*
  Jeng, M. R., Feusner, J., Skibola, C., Vichinsky, E.
  2002; 69 (2): 103-108

- **Itraconazole-enhanced vincristine neurotoxicity in a child with acute lymphoblastic leukemia** *PEDIATRIC HEMATOLOGY AND ONCOLOGY*
  Jeng, M. R., Feusner, J.
  2001; 18 (2): 137-142

- **Hydroquinone, a benzene metabolite, increases the level of aneusomy of chromosomes 7 and 8 in human CD34-positive blood progenitor cells** *CARCINOGENESIS*
  Smith, M. T., Zhang, L. P., Jeng, M., Wang, Y. X., Guo, W. H., Duramad, P., Hubbard, A. E., Hofstadler, G., Holland, N. T.
  2000; 21 (8): 1485-1490