

## May Chien

- Clinical Assistant Professor, Medicine - Hematology
- Clinical Assistant Professor, Pediatrics - Hematology & Oncology

### CLINICAL OFFICE (PRIMARY)

- **Hematology Division**

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Stanford, CA 94305

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### Bio

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#### CLINICAL FOCUS

- Classical Hematology
- Hemoglobinopathy
- Bleeding Disorders
- Anemia, Sickle Cell
- Thalassemia
- Pediatric Hematology-Oncology

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Hematology
- Clinical Assistant Professor, Pediatrics - Hematology & Oncology

#### PROFESSIONAL EDUCATION

- Residency: LAC USC Internal Medicine and Pediatric Residency (2014) CA
- Board Certification: Pediatric Hematology-Oncology, American Board of Pediatrics (2021)
- Medical Education: University of Southern California Keck School of Medicine (2010) CA
- Fellowship: Stanford University Pediatric Hematology Oncology Fellowship (2020) CA
- Fellowship: Stanford University Hematology and Oncology Fellowship (2020) CA
- Board Certification: Hematology, American Board of Internal Medicine (2019)
- Board Certification: Pediatrics, American Board of Pediatrics (2014)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)

### Research & Scholarship

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#### CLINICAL TRIALS

- A Study to Evaluate How Well Etagovivat Works in People With Sickle Cell Disease, Recruiting
- Emicizumab for Severe Von Willebrand Disease (VWD) and VWD/Hemophilia A, Recruiting

- Gene Correction in Autologous CD34+ Hematopoietic Stem Cells (HbS to HbA) to Treat Severe Sickle Cell Disease, Recruiting
- A Study Evaluating the Efficacy and Safety of Mitapivat in Participants With Non-Transfusion-Dependent Alpha- or Beta-Thalassemia ( $\alpha$ - or  $\beta$ -NTDT), Not Recruiting
- A Study Evaluating the Efficacy and Safety of Mitapivat in Participants With Transfusion-Dependent Alpha- or Beta-Thalassemia ( $\alpha$ - or  $\beta$ -TDT), Not Recruiting

## Teaching

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### COURSES

#### 2025-26

- Science of Medicine III-B: INDE 223B (Win)

#### 2024-25

- Science of Medicine III-B: INDE 223B (Win)

#### 2023-24

- Science of Medicine III-B: INDE 223B (Win)

#### 2022-23

- Science of Medicine III-B: INDE 223B (Win)

## Publications

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### PUBLICATIONS

- **Genetic testing guides therapy in children with refractory cytopenias.** *Haematologica*  
Gernez, Y., Sathi, B., Rao, L., Hernandez, J. D., Glader, B., Cepika, A., Hoyte, E. G., Mouradian, K., Singh, D., Bacchetta, R., Chien, M., Lewis, D. B., Weinacht, et al  
2026
- **Emapalumab use in malignancy-associated hemophagocytic lymphohistiocytosis in the United States: The REAL-HLH study.** *Blood advances*  
Zoref-Lorenz, A., Allen, C. E., Behrens, E. M., Chandrakasan, S., Chien, M., Hermiston, M. L., Hinson, A., Intzes, S., Isakoff, M. S., Leiding, J. W., Oladapo, A., Panigrahi, A., Patel, et al  
2025
- **Emicizumab for severe von willebrand disease (VWD): The (EmiVWD) study enrollment 2025**  
Roberts, J., Chien, M., Gupta, S., Kruse-Jarres, R., Cockrell, E., Corrales-Medina, F., Mullery, A., Kreitzer, S., Tarantino, M.  
ELSEVIER.2025: 1315-1316
- **Emapalumab treatment in rheumatologic disease-associated hemophagocytic lymphohistiocytosis: a plain language summary** *IMMUNOTHERAPY*  
Chandrakasan, S., Allen, C. E., Bhatla, D., Carter, J., Chien, M., Cooper, R., Draper, L., Eckstein, O. S., Hanna, R., Hays, J., Hermiston, M. L., Hinson, A. P., Hobday, et al  
2025; 17 (7): 461-478
- **RP-L301, a Lentiviral-Mediated Gene Therapy for Pyruvate Kinase Deficiency (PKD): A Phase 2 Clinical Trial Design**  
Shah, A. J., Lorenzo, J., Grace, R. F., Beers, E., Bartels, M., Glenthoej, A., Navarro, S., Llanos, L., Gaisse, B., Sanchez, S., Zubicaray, J., Chien, M., Bustamante, et al  
ELSEVIER.2024: 35831-35832
- **Emapalumab Use in Patients With Rheumatologic Disease-Associated Hemophagocytic Lymphohistiocytosis in the United States: the REAL-HLH Study.** *Arthritis & rheumatology (Hoboken, N.J.)*  
Chandrakasan, S., Allen, C. E., Bhatla, D., Carter, J., Chien, M., Cooper, R., Draper, L., Eckstein, O. S., Hanna, R., Hays, J. A., Hermiston, M. L., Hinson, A. P., Hobday, et al  
2024
- **Drinking Water of Patients With Chronic Kidney Disease-Get the Lead Out.** *JAMA internal medicine*

- Polasko, A. L., Hsu, C. Y., Chien, M.  
2024
- **Gene Therapy for Adult and Pediatric Patients with Severe Pyruvate Kinase Deficiency: Results from a Global Study of RP-L301**  
Shah, A., Sevilla, J., Lopez Lorenzo, J., Navarro, S., Llanos, L., de Camino Gaisse, B., Sanchez, S., Zubicaray, J., Glader, B., Chien, M., Quintana Bustamante, O., Gonzalez Vicent, M., Iriondo, et al  
CELL PRESS.2024: 2-3
  - **Real-world treatment patterns and outcomes in patients with primary hemophagocytic lymphohistiocytosis treated with emapalumab.** *Blood advances*  
Chandrakasan, S., Jordan, M. B., Baker, A., Behrens, E. M., Bhatla, D., Chien, M., Eckstein, O. S., Henry, M. M., Hermiston, M. L., Hinson, A., Leiding, J. W., Oladapo, A., Patel, et al  
2024
  - **A multidisciplinary approach to unraveling genetic forms of immune dysregulation in children with refractory multilineage cytopenia**  
Gernez, Y., Sathi, B., Camacho, J., Rao, L., Glader, B., Singh, D., Hoyte, E., Lewis, D., Roncarolo, M., Chien, M., Bacchetta, R., Weinacht, K.  
MOSBY-ELSEVIER.2024: AB186
  - **A Single Center Experience for Clinical Evaluation of Paroxysmal Cold Hemoglobinuria and Donath-Landsteiner Testing**  
Villar-Prados, A., Chien, M., Yunce, M., Abdelmonem, M., Duda, M.  
AMER SOC HEMATOLOGY.2023
  - **LENTIVIRAL-MEDIATED GENE THERAPY FOR SEVERE PYRUVATE KINASE DEFICIENCY: RESULTS FROM AN ONGOING GLOBAL PHASE 1 STUDY**  
Lopez Lorenzo, J., Shah, A., Sevilla, J., Navarro, S., Llanos, L., de Camino Gaisse, B., Sanchez, S., Zubicaray, J., Glader, B., Chien, M., Quintana Bustamante, O., Zeini, M., Choi, et al  
SPRINGER NATURE.2023: 275-276
  - **A single center experience for clinical evaluation of paroxysmal cold hemoglobinuria and Donath-Landsteiner testing.** *Transfusion*  
Villar-Prados, A., Abdelmonem, M., Duda, M., Chien, M., Yunce, M.  
2023
  - **LENTIVIRAL-MEDIATED GENE THERAPY FOR SEVERE PYRUVATE KINASE DEFICIENCY: GLOBAL PHASE 1 STUDY RESULTS**  
Shah, A., Lorenzo, J., Sevilla, J., Navarro, S., Llanos, L., Gaisse, B., Sanchez, S., Zubicaray, J., Glader, B., Chien, M., Bustamante, O. Q., Zeini, M., Choi, et al  
WILEY.2023: S133-S134
  - **Global Phase 1 Study Results of Lentiviral Mediated Gene Therapy for Severe Pyruvate Kinase Deficiency**  
Shah, A. J., Lopez Lorenzo, J., Sevilla, J., Navarro, S., Llanos, L., de Camino Gaisse, B., Sanchez, S., Zubicaray, J., Glader, B., Chien, M., Quintana Bustamante, O., Zeini, M., Choi, et al  
CELL PRESS.2023: 118-119
  - **Lentiviral-mediated Gene Therapy for Adults and Children with Severe Pyruvate Kinase Deficiency: Results from an Ongoing Global Phase 1 Study**  
Shah, A. J., Lopez Lorenzo, J., Sevilla, J., Navarro, S., Llanos, L., de Camino Gaisse, B., Sanchez, S., Zubicaray, J., Glader, B., Chien, M., Bustamante, O., Zeini, M., Choi, et al  
AMER SOC HEMATOLOGY.2022: 4902-4903
  - **The impact of in utero transfusions on perinatal outcomes in patients with alpha thalassemia major: the UCSF registry.** *Blood advances*  
MacKenzie, T. C., Schwab, M. E., Lianoglou, B. R., Gano, D., Gonzalez, J., Arvon, R. L., Baschat, A. A., Bianchi, D. W., Bitanga, M., Bourguignon, A., Brown, R. N., Chen, B., Chien, et al  
2022
  - **Longitudinal study of 2 patients with cyclic thrombocytopenia, STAT3, and MPL mutations.** *Blood advances*  
Zhang, H., Chien, M., Hou, Y., Shomali, W., Brar, R., Ho, C., Han, P., Xu, D., Zhang, B. M., Guo, X., Tolentino, L., Wu, N. C., Tsai, et al  
2022
  - **Therapy-related myeloid neoplasms resembling juvenile myelomonocytic leukemia: a case series and review of the literature.** *Pediatric blood & cancer*  
Wintering, A., Smith, S., Fuh, B., Rangaswami, A., Dahl, G., Chien, M., Gruber, T. A., Dang, J., Li, L. S., Lenzen, A., Savelli, S., Dvorak, C. C., Agrawal, et al

1800: e29499

- **Pediatric acquired factor VIII deficiency presenting as hemarthrosis.** *Pediatric blood & cancer*  
Daigh, L. H., Chien, M. C., Lo, C. Y.  
1800: e29530
- **Lentiviral Mediated Gene Therapy for Pyruvate Kinase Deficiency: Interim Results of a Global Phase 1 Study for Adult and Pediatric Patients**  
Shah, A. J., Lopez Lorenzo, J., Navarro, S., Sevilla, J., Llanos, L., Perez de Camino Gaisse, B., Sanchez, S., Glader, B., Chien, M., Quintana Bustamante, O., Beard, B. C., Law, K. M., Zeini, et al  
AMER SOC HEMATOLOGY.2021
- **Lentiviral Mediated Gene Therapy for Pyruvate Kinase Deficiency: Updated Results of a Global Phase 1 Study for Adult and Pediatric Patients**  
Lopez Lorenzo, J., Shah, A. J., Navarro, S., Sevilla, J., Llanos, L., Perez Camino de Gaisse, B., Sanchez, S., Glader, B., Chien, M., Quintana-Bustamante, O., Beard, B. C., Law, K. M., Zeini, et al  
CELL PRESS.2021: 42-43
- **A challenging case of recurrent idiopathic hemophagocytic lymphohistiocytosis (HLH) initially presenting in an infant with Pneumocystis jirovecii pneumonia**  
Solomon, B., Balagtas, J., Chien, M., Pooni, R., Balboni, I., Weinacht, K., Gernez, Y.  
SPRINGER/PLENUM PUBLISHERS.2021: S55
- **A Blueprint for Identifying Phenotypes and Drug Targets in Complex Disorders with Empirical Dynamics.** *Patterns (New York, N.Y.)*  
Krieger, M. S., Moreau, J. M., Zhang, H., Chien, M., Zehnder, J. L., Craig, M.  
2020; 1 (9): 100138
- **Lentiviral Mediated Gene Therapy for Pyruvate Kinase Deficiency: A Global Phase 1 Study for Adult and Pediatric Patients**  
Lorenzo, J., Navarro, S., Shah, A. J., Roncarolo, M., Sevilla, J., Llanos, L., de Gaisse, B., Sanchez, S., Glader, B., Chien, M., Bustamante, O., Beard, B. C., Law, et al  
AMER SOC HEMATOLOGY.2020
- **Impact of in utero transfusions in fetuses with hydrops fetalis due to alpha thalassemia**  
Lianoglou, B. R., Gonzalez, V., Velez, J., Norton, M. E., Chen, B., Finley, B., Hirata, G., Ogasawara, K., MacKenzie, T. C., Brown, R. N., Sanchez-Embrey, E., Shaw, S. W., Foe, et al  
MOSBY-ELSEVIER.2020: S300–S301
- **CLINICAL OUTCOME OF HB KHARTOUM/beta THALASSEMIA COMPOUND HETEROZYGOSITY: A GLIMPSE INTO HOMOZYGOUS HB KHARTOUM**  
Chien, M., Glader, B.  
WILEY.2018
- **ANTICOAGULATION FOR TREATMENT OF PAIN IN VENOUS MALFORMATIONS**  
Chien, M., Kreimer, S., Teng, J., Marqueling, A., Jeng, M.  
WILEY.2018