Stanford

Matthew Frank

Assistant Professor of Medicine (Blood and Marrow Transplantation and Cellular Therapy)

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Matthew Frank, MD, PhD, is an Assistant Professor of Medicine in the Division of Blood and Marrow Transplantation and Cellular Therapy at Stanford University. Dr. Frank predominantly cares for patients with high-risk lymphoma and other blood cancers. He is a lead investigator of clinical trials evaluating the safety and effectiveness of cancer treatments called chimeric antigen receptor (CAR) T therapy for patients with lymphomas and leukemias. Dr. Frank's research focuses on developing methods to identify patients who are at high risk for relapse or developing side-effects after receiving CAR T therapy and to understand why these relapses and side-effects occur.

CLINICAL FOCUS

- Medical Oncology

ACADEMIC APPOINTMENTS

- Assistant Professor-Univ Med Line, Medicine - Blood & Marrow Transplantation
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Board Certification: Medical Oncology, American Board of Internal Medicine (2025)
- Medical Education: UCLA David Geffen School Of Medicine (2011) CA
- Fellowship: Stanford University Bone Marrow Transplant Fellowship (2019) CA
- Fellowship: Stanford University Hematology and Oncology Fellowship (2018) CA
- Residency: Beth Israel Deaconess Medical Center Internal Medicine Residency (2013) MA
- PhD, Department of Pathology and Laboratory Medicine at UCLA , Cellular and Molecular Pathology (2009)
- BS, Massachusetts Institute of Technology , Electrical Engineering (2003)

Research & Scholarship

CLINICAL TRIALS

- AutologousCD22 Chimeric Antigen Receptor (CAR)T Cells in w/Recurrent/Refractory B Cell Lymphomas, Recruiting
- B7-H3 Chimeric Antigen Receptor T Cells (B7-H3CART) in Recurrent Glioblastoma Multiforme, Recruiting
- A Phase 2 Study of Firi-cel in Patients With Relapsed/Refractory Large B-cell Lymphoma, Not Recruiting
- Autologous CD22 CAR T Cells in Adults w/ Recurrent or Refractory B Cell Malignancies, Not Recruiting
- Evaluate Safety of Axicabtagene Ciloleucel Reinfusion (Axi-Cel-2) in Patients With Relapsed and/or Refractory Second Line High-Risk Non-Hodgkin Lymphoma After Standard of Care Axi-Cel, Not Recruiting
- Expanded Access Protocol (EAP) for Nonconforming (NC) Afami-cel, Not Recruiting
- Study of Axicabtagene Ciloleucel Versus Standard of Care Therapy in Participants With Relapsed/Refractory Follicular Lymphoma, Not Recruiting

Publications

PUBLICATIONS

- **How I treat HLH-like toxicities after immune effector cell therapy.** *Blood*
  Johnson, W. T., McNerney, K. O., Frank, M. J., Shah, N. N.
  2026; 147 (22): 2592-2609

- **Clinical and Cytokine Features of Immune Effector Cell-Associated Hemophagocytic Lymphohistiocytosis-Like Syndrome.** *Blood cancer discovery*
  Srinagesh, H. K., Kramer, A. M., Baird, J. H., Reschke, A., Sahaf, B., Cancilla, J., Syal, S., Su, Y. J., Agarwal, N., Jensen, A. M., Schultz, L. M., Jeyakumar, N., Ramakrishna, et al
  2025

- **Effects of an initial anti-CD19 CAR T-cell therapy on subsequent anti-CD22 CAR T-cell manufacturing and clinical outcomes in patients with r/r LBCL.** *Cancer discovery*
  Su, Y. J., Kramer, A. M., Hamilton, M. P., Agarwal, N., Srinagesh, H. K., Baird, J. H., Sahaf, B., Kuo, A., Ehlinger, Z. J., Desai, M. H., Rietberg, S. P., Tunuguntla, R., Patel, et al
  2025

- **CD22-directed CAR T-cell therapy for large B-cell lymphomas progressing after CD19-directed CAR T-cell therapy: a dose-finding phase 1 study.** *Lancet (London, England)*
  Frank, M. J., Baird, J. H., Kramer, A. M., Srinagesh, H. K., Patel, S., Brown, A. K., Oak, J. S., Younes, S. F., Natkunam, Y., Hamilton, M. P., Su, Y. J., Agarwal, N., Chinnasamy, et al
  2024

- **Immune Effector Cell associated Hemophagocytic Lymphohistiocytosis-like Syndrome (IEC-HS).** *Transplantation and cellular therapy*
  Hines, M. R., Knight, T. E., McNerney, K. O., Leick, M. B., Jain, T., Ahmed, S., Frigault, M. J., Hill, J. A., Jain, M. D., Johnson, W. T., Lin, Y., Mahadeo, K. M., Maron, et al
  2023

- **Determinants of resistance to engineered T cell therapies targeting CD19 in large B cell lymphomas.** *Cancer cell*
  Sworder, B. J., Kurtz, D. M., Alig, S. K., Frank, M. J., Shukla, N., Garofalo, A., Macaulay, C. W., Shahrokh Esfahani, M., Olsen, M. N., Hamilton, J., Hosoya, H., Hamilton, M., Spiegel, et al
  2022

- **CD22-CAR T-Cell Therapy Mediates High Durable Remission Rates in Adults with Large B-Cell Lymphoma Who Have Relapsed after CD19-CAR T-Cell Therapy**
  Frank, M. J., Baird, J. H., Patel, S., Craig, J., Spiegel, J. Y., Ehlinger, Z., Chinnasamy, H., Younes, S. F., Oak, J. S., Natkunam, Y., Reynolds, W. D., Iglesias, M., Crawford, et al
  AMER SOC HEMATOLOGY.2021

- **Monitoring of Circulating Tumor DNA Improves Early Relapse Detection After Axicabtagene Ciloleucel Infusion in Large B-Cell Lymphoma: Results of a Prospective Multi-Institutional Trial.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*

Frank, M. J., Hossain, N. M., Bukhari, A., Dean, E., Spiegel, J. Y., Claire, G. K., Kirsch, I., Jacob, A. P., Mullins, C. D., Lee, L. W., Kong, K. A., Craig, J., Mackall, et al

2021: JCO2100377

- **Post CAR-T Measurable Residual Disease Monitoring in Mantle Cell Lymphoma Enables Early Detection of Disease Relapse.** *American journal of hematology*

  Ananth, S., Agarwal, N., Sahaf, B., Jacob, A., Lee, L. W., Simmons, H., Kirsch, I., Bharadwaj, S., Weng, W. K., Smith, M., Dahiya, S., Miklos, D., Frank, et al

  2026

- **Brexu-cel plus dasatinib: Safety and feasibility of dasatinib pulses after brexucabtagene autoleucel to modulate CAR T cell activity in relapsed/refractory B cell acute lymphoblastic leukemia**

  Jeyakumar, N., Shiraz, P., Weber, E., Kanegai, A., Wagner, C., Ramakrishnan, A., Sahaf, B., Frank, M., Dahiya, S., Smith, M., Sidana, S., Mackall, C., Miklos, et al

  AMER ASSOC CANCER RESEARCH.2026

- **Dynamics of BCMA expression in patients with relapsed/refractory multiple myeloma receiving BCMA-directed CAR-T therapy.** *Blood cancer journal*

  Rana, M. S., Fernandez-Pol, S., Jensen, A., Hovanky, V., Velayati, A., Oak, J. S., Silva, O., Ames, E., Muffly, L. S., Sahaf, B., Arai, S., Kennedy, V. E., Bharadwaj, et al

  2026

- **Superior Chronic GVHD-Free Survival with Post-Transplant Cyclophosphamide Relative to Tacrolimus/Methotrexate in Myeloablative HLA-Matched Allogeneic Hematopoietic Cell Transplantation.** *Transplantation and cellular therapy*

  Molina, A., Bubb, Q. R., Srinagesh, H. K., Yee, R., Arai, S., Bharadwaj, S., Dahiya, S., Elmariah, H., Frank, M., Hosoya, H., Johnston, L., Meyer, E., Mikkilineni, et al

  2026

- **Early Steroid and Anakinra Use to Manage Axicabtagene Ciloleucel Toxicity Reduces the Total Duration of CRS and ICANS.** *Blood advances*

  Wang, W. L., Lee, D., Cheung, E., Jensen, A., Rana, M. S., Goyal, A., Hamilton, M. P., Ghalehsari, N., Latchford, T., Scott, B. J., Mallampet, J., Heng, E., Khan, et al

  2026

- **AI-Quantified Patient Frailty Predicts Clinical Response to CAR-T**

  Smith, C. J., Fettahoglu, A., Johnston, A., Smith, B. R., Mikkilinenni, L., Sidana, S., Weng, W., Frank, M., Dahiya, S., Smith, M., Chaudhari, A., Miklos, D. B., Boutin, et al

  ELSEVIER SCIENCE INC.2026

- **Patient Characteristics, Toxicity, and Response after Real World Administration of Obecabtagene Autoleucel and Brexucabtagene Autoleucel for Relapsed Acute Lymphoblastic Leukemia: A Rocca Analysis**

  Molina, A., Shiraz, P., Kanegai, A., Fraser, A., Kordek, D., Wagner, C., Danley, L., Ramakrishnan, A., Daghagh, H., Huang, Y., Dhapola, G., Siddiqui, A., Arai, et al

  ELSEVIER SCIENCE INC.2026: S27

- **Impact of Social Determinants of Health on Access to CAR-T Therapy and Outcomes in Multiple Myeloma Patients**

  Rana, M., Kaveh, N., Jensen, A., Kennedy, V. E., Weng, W., Smith, M., Shiraz, P., Jandir, N., Latchford, T. M., Frank, M., Bharadwaj, S., Dahiya, S., Miklos, et al

  ELSEVIER SCIENCE INC.2026

- **Characterization and Outcomes of Switching Tacrolimus to Sirolimus in Patients with Transplant-Associated Thrombotic Microangiopathy**

  Kennedy, V. E., Lauer, M., Shiraz, P., Arai, S., Johnston, L., Bharadwaj, S., Dahiya, S., Elmariah, H., Frank, M., Lowsky, R., Meyer, E. H., Mikkilineni, L., Muffly, et al

  ELSEVIER SCIENCE INC.2026

- **Treatment kinetics and local response during and after bridging radiotherapy prior to CAR-T cell therapy for lymphomas.** *Leukemia & lymphoma*

  Klebaner, D., Park, N. J., Marar, M., Frank, M., Hiniker, S. M., Hoppe, R. T., Schroers-Martin, J., Advani, R. H., Alizadeh, A. A., Bharadwaj, S., Miklos, D., Dahiya, S., Binkley, et al

  2025: 1-8

- **CD22-CAR T cell multiomic features linked to patient outcomes in CD19-CAR resistant large B cell lymphoma**

Kramer, A., Murty, T., Chen, Y., Rodrigues, K., Hamilton, M., Desai, M., Kuo, A., Ehlinger, Z., Reynolds, W., Srinagesh, H., Tsui, K., Rietberg, S., Mo, et al

ELSEVIER.2025: 566-567

- **Real-world effectiveness and safety outcomes by age, comorbidity, frailty, and treatments prior to infusion in relapsed or refractory (R/R) follicular lymphoma patients treated with axicabtagene ciloleucel**

  Tun, A., Frank, M., Iqbal, M., Herrera, A., Hamadani, M., Perez, W., Kim, S., Adedokun, B., Lau, C., Hu, K., Best, T., Nikolajeva, O., Lee, et al

  ELSEVIER.2025: 5356-5357

- **Pre-treatment CDI9 antigen density and multi-antigen profiling by calibrated quantitative flow cytometry correlates with CAR T efficacy in LBCL**

  Spiegel, J., Oak, J., Rana, M., Jensen, A., Lee, D., Nguyen-Mau, S., Kong, K., Bornheimer, S., Mikkilineni, L., Muffly, L., Sidana, S., Weng, W., Bharadwaj, et al

  ELSEVIER.2025: 5882-5883

- **Sequential CD19 and CD22 CART for relapsed and refractory B cell ALL: Phase I results**

  Schultz, L., Aftandilian, C., Baggott, C., Corwin, N., Fujimoto, M., Li, A., Mavroukakis, S., Moon, J., Sahaf, B., Jacobs, A., Mendoza, C., Levenson, A., Frank, et al

  ELSEVIER.2025: 2374

- **Allogeneic HSC and regulatory T cell (Orca-T) engineered cell therapy following reduced intensity conditioning: Results of a single center Phase 1 study**

  Villar-Prados, A., Kim, P., Sutherland, K., Negrin, R., Arai, S., Frank, M., Johnston, L., Lowsky, R., Miklos, D., Muffly, L., Dahiya, S., Rezvani, A., Sidana, et al

  ELSEVIER.2025: 111-112

- **Post-transplant cyclophosphamide vs tacrolimus/methotrexate: Improved GRFS, reduced NRM, and less severe GVHD in myeloablative HLA-matched allogeneic transplantation**

  Molina, A., Bubb, Q., Yee, R., Arai, S., Bharadwaj, S., Dahiya, S., Elmariah, H., Frank, M., Hosoya, H., Johnston, L., Meyer, E., Mikkilineni, L., Lowsky, et al

  ELSEVIER.2025: 2494-2495

- **Firicabtagene autoleucel (firi-cel), a CD22-directed CAR T-cell therapy, for patients with relapsed/refractory large B-cell lymphoma: Results from the phase 2 study (FIRCE-1 Trial)**

  Frank, M., Qualls, D., Ghobadi, A., Gauthier, J., Tees, M., Mountjoy, L., Mcguirk, J., Neelapu, S., Karmali, R., Isufi, I., Hill, B., Sauter, C., Diefenbach, et al

  ELSEVIER.2025: 667-668

- **Double-dose axicabtagene ciloleucel (Axi-Cel-2) as second-line therapy for high-risk relapsed or refractory large B-cell lymphoma (r/rLBCL): Interim results from a Phase 1b study**

  Lee, D., Rodrigues, K., Rana, M., Kozy, K., Salazar, S., Jensen, A., Desai, M., Mallampet, J., Lohman, C., Huang, Y., Kang, X., Tian, F., Mutter, et al

  ELSEVIER.2025: 671-672

- **Superior efficacy and persistence of Orca-T-allogeneic CAR19/22 versus autologous CAR19/22 in high-risk adult B-ALL**

  Molina, A., Shiraz, P., Kanegai, A., Fraser, A., Kordek, D., Wagner, C., Srinagesh, H., Danley, L., Ramakrishnan, A., Daghagh, H., Huang, Y., Dhapola, G., Siddiqui, et al

  ELSEVIER.2025: 514-515

- **From response to rupture: Evaluating GI perforation after CD19 CAR-T in LBCL**

  Velayati, A., Rana, M., Jensen, A., Lee, D., Ghalehsari, N., Goyal, A., Latchford, T., Wang, W., Heng, E., Weng, W., Smith, M., Bharadwaj, S., Frank, et al

  ELSEVIER.2025: 2771-2772

- **Non-response to bridging therapy prior to CAR-T is associated with increased toxicity and adverse outcomes in Relapsed/Refractory multiple myeloma (RRMM)**

  Rana, M., Jensen, A., Velayati, A., Hovanky, V., Muffly, L., Sahaf, B., Iberri, D., Liedtke, M., Bharadwaj, S., Kennedy, V., Arai, S., Shiraz, P., Weng, et al

  ELSEVIER.2025: 4586-4587

- **CD22-directed CAR-T cells induce complete remissions in high-risk follicular and Mantle Cell Lymphoma with limited neurotoxicity**

  Srinagesh, H., Kramer, A., Hamilton, M., Su, Y., Kozy, K., Jackson, L., Brown, A., Denoble, K., Mavroukakis, S., Lohman, C., Cunanan, K., Agarwal, N., Bharadwaj, et al

ELSEVIER.2025: 4159-4160

- **Real-world outcomes of immune effector cell-associated hemophagocytic syndrome (IEC-HS) following ide-cel and cilta-cel therapy in relapsed/refractory multiple myeloma**
  Lee, J., Jensen, A., Hosoya, H., Afrough, A., Zanwar, S., Pasvolsky, O., Gaballa, M., Dillard, C., Khouri, J., Raza, S., Goel, U., Anwer, F., Hovanky, et al
  ELSEVIER.2025: 719-720

- **Optimal ferritin threshold to diagnose immune effector cell-associated hemophagocytic syndrome (IEC-HS) following CAR-T therapy in relapsed/refractory multiple myeloma (RRMM)**
  Lee, J., Jensen, A., Hosoya, H., Zanwar, S., Pasvolsky, O., Gaballa, M., Dillard, C., Khouri, J., Raza, S., Goel, U., Anwer, F., Hovanky, V., Rana, et al
  ELSEVIER.2025: 717-718

- **Redefining post-CD19 CAR T-cell surveillance with ctdna: Real-world insights from post- axi-cel and liso-cel therapy**
  Ananth, S., Mallampet, J., Chang, B., Agarwal, N., Kong, K., Sahaf, B., Serrato, J., Kirsch, I., Jacob, A., Simmons, H., Lee, L., Mackall, C., Weng, et al
  ELSEVIER.2025: 941-942

- **Validated PET-CT metabolic tumor volume threshold identifies high-risk relapsed/refractory LBCL and predicts 12-month toxicity-free progression-free survival Post-CAR-T therapy**
  Rana, M., Ghalehsari, N., Jensen, A., Lee, D., Park, N., Goyal, A., Hashmi, A., Wang, W., Heng, E., Velayati, A., Dhapola, G., Huang, Y., Sahaf, et al
  ELSEVIER.2025: 397-398

- **Patients with TP53-mutated AML/MDS without complex or monosomal karyotype can achieve durable survival benefits with allogeneic HCT**
  Jeyakumar, N., Torres, N., Godbole, S., Yamamoto, F., Zhang, B., Arai, S., Bharadwaj, S., Dahiya, S., Elmariah, H., Frank, M., Hosoya, H., Johnston, L., Meyer, et al
  ELSEVIER.2025: 2525-2526

- **CAR19 therapy drives expansion of clonal hematopoiesis and associated cytopenias.** *Research square*
  Hamilton, M. P., Phillips, N., Noordenbos, T., Boegeholz, J., Sugio, T., Sworder, B. J., Alig, S. K., Good, Z., Schroers-Martin, J. G., Tamaresis, J., Esfahani, M. S., Lu, Y., Olsen, et al
  2025

- **Erratum to <Immune Effector Cell-Associated Hemophagocytic Lymphohistiocytosis-Like Syndrome><[Transplant Cell Ther. 2023 Jul;29(7):438.e1-438.e16. Epub 2023 Mar 9]>.** *Transplantation and cellular therapy*
  Hines, M. R., Knight, T. E., McNerney, K. O., Leick, M. B., Jain, T., Ahmed, S., Frigault, M. J., Hill, J. A., Jain, M. D., Johnson, W. T., Lin, Y., Mahadeo, K. M., Maron, et al
  2025

- **Outcomes following CD22 CAR T-cells in B-ALL: a tale of two manufacturing strategies.** *Cytotherapy*
  Dreyzin, A., Kramer, A. M., Yates, B., Wang, H. W., Sahaf, B., Yuan, C., Klysz, D., Tunuguntla, R., Ehlinger, Z., Reitberg, S., Adebola, S., Su, A., Ebina-Shibuya, et al
  2025: 101990

- **Immune Reconstitution, Vaccine Protection, and Infectious Complications Following BCMA-Targeted CAR-T Therapy in Relapsed/ Refractory Multiple Myeloma**
  Moscvin, M., Goyal, A., Jensen, A., Epstein, D., Hovanky, V., Mikkilineni, L., Bennett, L., Latchford, T., Arai, S., Bharadwaj, S., Frank, M., Dahiya, S., Muffly, et al
  CIG MEDIA GROUP, LP.2025

- **Treatment and outcomes of progression of disease post-CAR T-cell therapy in mantle cell lymphoma: a multicenter analysis.** *Blood advances*
  Epstein-Peterson, Z. D., Lionel, A. C., Joseph, A., Drill, E., Atallah-Yunes, S. A., Brooks, T. R., Chong, E. A., Chong, E. R., Dela Cruz, J., Frank, M. J., Ip, A., Iqbal, M., Jacobson, et al
  2025

- **Real-world outcomes of brexucabtagene autoleucel for relapsed or refractory mantle cell lymphoma: a CIBMTR analysis.** *Blood advances*
  Ahmed, N., Thiruvengadam, S., Hamadani, M., Hu, Z. H., Grover, N. S., Shadman, M., Locke, F. L., Gerson, J., Frank, M. J., Budde, L. E., Wang, M. L., Kim, S., Bye, et al
  2025

- **Fatal Recurrence of IEC-HS Following Autologous Stem Cell Boost in Patients Receiving BCMA CAR-T Cell Therapy.** *Blood advances*
  Ananth, S., Torres, N. E., Sahaf, B., Mikkilineni, L., Fernandez-Pol, S., Salmi, D., Negrin, R. S., Shiraz, P., Smith, M., Bharadwaj, S., Weng, W. K., Kennedy, V. E., Dahiya, et al
  2025

- **Lisocabtagene Maraleucel for Richter's Transformation-A Case Series.** *EJHaem*
  Smith, C. J., Goyal, A., Smith, B. R., Lee, D., Jensen, A., Alexander, J., Smith, M., Frank, M., Dahiya, S., Miklos, D., Bharadwaj, S.
  2025; 6 (2): e270011

- **Donor Regulatory T-Cell Therapy to Prevent Graft-Versus-Host Disease.** *Blood*
  Meyer, E., Pavlova, A., Villar-Prados, A., Bader, C. S., Xie, B., Muffly, L., Kim, P., Sutherland, K. C., Bharadwaj, S., Dahiya, S., Frank, M. J., Arai, S., Johnston, et al
  2025

- **Belumosudil combination therapy for chronic graft-versus-host-disease in real-world clinical practice.** *Bone marrow transplantation*
  Chin, M. M., Tamaresis, J. S., Johnston, L. J., Lowsky, R., Meyer, E., Muffly, L., Shiraz, P., Frank, M. J., Rezvani, A. R., Bharadwaj, S., Weng, W. K., Shizuru, J. A., Arai, et al
  2024

- **Indolent CD8+CAR T-Cell Lymphoma of the Gastrointestinal Tract after Ciltacabtagene Autoleucel Therapy for Relapsed/Refractory Multiple Myeloma**
  Hosoya, H., Fernandez-Pol, S., Gubatan, J., Ehlinger, Z., Lohman, C., Torres, A., Najidh, S., Kwang, A., Duran, G., Wright, C., Kennedy, V. E., Bharadwaj, S., Smith, et al
  ELSEVIER.2024: 4846-4847

- **Resolving the Microarchitecture of Classic and Transformed Follicular Lymphoma By Single Cell Alignment to Spatial Transcriptomes**
  Noordenbos, T., Schroers-Martin, J. G., Hamilton, M. P., Jun, S., Sugio, T., Sworder, B. J., Steen, C., Olsen, M., Liu, C., Newman, A., Howitt, B., Natkunam, Y., Miklos, et al
  ELSEVIER.2024: 2993-2994

- **CD22-Directed CAR T-Cell Therapy for Large B-Cell Lymphomas Progressing after CD19-Directed CAR T-Cell Therapy: Continued Durable Remissions at 3-Year Follow-up**
  Kramer, A., Baird, J. H., Srinagesh, H., Egeler, E., Levine, K., Brown, A. K., Mavroukakis, S., Cunanan, K., Su, Y., Agarwal, N., Hamilton, M. P., Bharadwaj, S., Arai, et al
  ELSEVIER.2024: 70-71

- **Single Institution Analysis of Lymphoma Treatment Related Post-CAR Myeloid Neoplasms**
  Hamilton, M., Phillips, N., Lee, D., Ehlinger, Z., Kramer, A., Srinagesh, H., Good, Z., Kang, X., Olsen, M., Liu, C., Tian, F., Sworder, B. J., Hosoya, et al
  ELSEVIER.2024: 96-97

- **Treatment Patterns and Outcomes Following Progression of Disease Post-CAR-T Therapy in Relapsed or Refractory Mantle Cell Lymphoma: A Multicenter Analysis**
  Epstein-Peterson, Z. D., Lionel, A. C., Joseph, A., Drill, E., Atallah-Yunes, S., Brooks, T. R., Chong, E. A., Chong, E. R., Dela Cruz, J., Frank, M. J., Ip, A., Iqbal, M., Jacobson, et al
  ELSEVIER.2024: 239-240

- **Investigating Treatment Kinetics and Local Response during and after Bridging Radiotherapy Prior to CAR-T Cell Therapy for Lymphomas**
  Klebaner, D., Park, N., Marar, M., Frank, M. J., Hiniker, S., Hoppe, R. T., Schroers-Martin, J. G., Advani, R. H., Alizadeh, A. A., Bharadwaj, S., Miklos, D. B., Dahiya, S., Binkley, et al
  ELSEVIER.2024: 7130-7131

- **CD22-Directed CAR T Cell Single Cell Multiomic Features Associated with Immune Effector Cell-Associated Hemophagocytic Lymphohistiocytosis-like Syndrome (IEC-HS)**
  Kramer, A., Murty, T., Chen, Y., Srinagesh, H., Hamilton, M. P., Mo, K. C., Prabhu, S., Desai, M., Kuo, A., Ehlinger, Z., Reynolds, W. D., Baird, J. H., Su, et al
  ELSEVIER.2024: 911-912

- **Resolving the Microarchitecture of Classic and Transformed Follicular Lymphoma By Single Cell Alignment to Spatial Transcriptomes**
  Noordenbos, T., Schroers-Martin, J. G., Hamilton, M. P., Jun, S., Sugio, T., Sworder, B. J., Steen, C., Olsen, M., Liu, C., Newman, A., Howitt, B., Natkunam, Y., Miklos, et al

ELSEVIER.2024: 2993-2994

- **Anti-BCMA CAR T-Cell Expansion and Its Association with Response and Toxicity in Multiple Myeloma**

  Hosoya, H., Jensen, A., Hovanky, V., Homsy, S., Cancilla, J. E., Patil, S., Kennedy, V. E., Bharadwaj, S., Smith, M., Shiraz, P., Frank, M. J., Dahiya, S., Arai, et al

  ELSEVIER.2024: 2006-2007

- **CD22-Directed CAR T-Cell Therapy for Large B-Cell Lymphomas Progressing after CD19-Directed CAR T-Cell Therapy: Continued Durable Remissions at 3-Year Follow-up**

  Kramer, A., Baird, J. H., Srinagesh, H., Egeler, E., Levine, K., Brown, A. K., Mavroukakis, S., Cunanan, K., Su, Y., Agarwal, N., Hamilton, M. P., Bharadwaj, S., Arai, et al

  ELSEVIER.2024: 70-71

- **Single Institution Analysis of Lymphoma Treatment Related Post-CAR Myeloid Neoplasms**

  Hamilton, M., Phillips, N., Lee, D., Ehlinger, Z., Kramer, A., Srinagesh, H., Good, Z., Kang, X., Olsen, M., Liu, C., Tian, F., Sworder, B. J., Hosoya, et al

  ELSEVIER.2024: 96-97

- **Treatment Patterns and Outcomes Following Progression of Disease Post-CAR-T Therapy in Relapsed or Refractory Mantle Cell Lymphoma: A Multicenter Analysis**

  Epstein-Peterson, Z. D., Lionel, A. C., Joseph, A., Drill, E., Atallah-Yunes, S., Brooks, T. R., Chong, E. A., Chong, E. R., Dela Cruz, J., Frank, M. J., Ip, A., Iqbal, M., Jacobson, et al

  ELSEVIER.2024: 239-240

- **Phase II study of novel CXCR2 agonist and Plerixafor for rapid stem cell mobilization in patients with multiple myeloma.** *Blood cancer journal*

  Sidana, S., Bankova, A. K., Hosoya, H., Kumar, S. K., Holmes, T. H., Tamaresis, J., Le, A., Muffly, L. S., Maysel-Auslender, S., Johnston, L., Arai, S., Lowsky, R., Meyer, et al

  2024; 14 (1): 173

- **PHASE 1 TRIAL RESULTS FOR PATIENTS WITH ADVANCED HEMATOLOGIC MALIGNANCIES TREATED WITH ORCA-T CELL THERAPY WITH REDUCED INTENSITY CONDITIONING AND SINGLE AGENT TACROLIMUS**

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