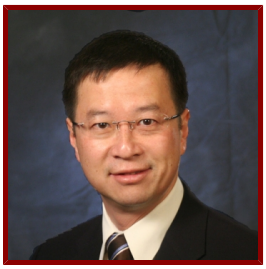
Stanford



Wen-Kai Weng, MD, PhD

Professor of Medicine (Blood and Marrow Transplantation and Cellular Therapy) and, by courtesy, of Dermatology

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICE (PRIMARY)

- **Stanford Cancer Center**

  875 Blake Wilbur Dr Clinic F

  MC 6560

  Stanford, CA 94305

  Tel (650) 498-6000 **Fax** (650) 498-6919

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Jenny McGuire - Administrative Assistant

  Email jennymcg@stanford.edu

  Tel 650-723-0837

Bio

BIO

Dr. Wen-Kai Weng specializes in the treatment of non-Hodgkin's lymphoma (NHL), his basic research interest is immunotherapy for lymphoma and cancer, with two components: tumor specific targeting therapy and allogeneic transplant. He is currently working on new strategies to target patient-specific tumor using antibody along with effector cells. He is also conducting clinical study looking at the clinical efficacy of allogeneic transplant in patients with cutaneous lymphoma.

CLINICAL FOCUS

- Cancer > Blood and Marrow Transplant
- Cancer > Lymphoma
- Cutaneous T-Cell Lymphoma
- Medical Oncology
- Chimeric Antigen Receptor (CAR) T-cell Therapy
- Immunotherapy

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Medicine - Blood & Marrow Transplantation
- Professor-Univ Med Line (By courtesy), Dermatology
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Scientific Advisory Board, Lymphoma Research Foundation, (2011-2012)
- Co-Director, Stanford Multidisciplinary Cutaneous Lymphoma Clinic, (2014- present)
- Director, Blood and Marrow Transplantation/Cellular Therapy (BMT/CT) Fellowship Program, (2015- present)

HONORS AND AWARDS

- Predoctoral National Research Service Award, NIH/NIAID (1994-1995)
- Doctoral Dissertation Award, University of Minnesota Graduate School (1995)
- Charles and Dorothy Andrew Bird Award, Sigma Xi Scientific Research Society (1996)
- Fellowship, Lymphoma Research Foundation (2002-2004)
- K08 Clinical Scientist Career Development Award, NIH/NCI (2005-2009)
- Developmental Research Award, Stanford University Cancer Center (2009-2010)
- ITI Seed Grant Award, Institute for Immunity, Transplantation and Infection, Stanford University (2011-2012)
- Developmental Research Award, Stanford Cancer Institute (2012-2013)
- Translational Research Grant, Stanford Cancer Institute (2014-2015)
- Division Teaching Award, BMT, Stanford University (2009, 2010, 2012, 2015, 2016, 2018, 2019)
- Department of Medicine Master Teacher Award, Stanford University (2022)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Co-Director, Stanford Cancer Immunotherapy and Blood & Marrow Transplantation Symposium (2018 - 2025)

PROFESSIONAL EDUCATION

- Board Certification: Medical Oncology, American Board of Internal Medicine (2021)
- Fellowship, Stanford University , Medical Oncology (2002)
- Residency, University of Texas-Houston , Internal Medicine (1999)
- Internship, University of Texas-Houston , Internal Medicine (1997)
- PhD, University of Minnesota , Pathobiology/Immunology (1996)
- MD, ChungShan Medical and Dental College , Medicine (1988)

PATENTS

- Ronald Levy, Wen-Kai Weng. "United States Patent 9109255 Methods and compositions for determining responsiveness to antibody therapy", Aug 18, 2015

LINKS

- Wen-Kai Weng, MD, PhD: https://web.stanford.edu/~wkweng/weng.home.htm
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html
- Bird Calendar Fund Raising: https://web.stanford.edu/~wkweng/calendar/CalendarFrontPage.htm

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My clinical focus is non-Hodgkin's lymphoma (NHL) and am currently conducting clinical trials with novel therapies on these patients. My basic research interest is immunotherapy for lymphoma, with two components: tumor vaccines and allogeneic transplant. For the tumor vaccine, I am working with my colleagues in Oncology to conduct a clinical trial using a CpG-activated tumor vaccine in mantel cell NHL patients who undergo autologous transplantation. The goal is to sensitize the autologous T cells to recognize the malignant lymphoma cells and to expand these tumor-specific T cells immediate after autologous transplant.

Second, I am conducting a study using a novel non-myeloablative preparative regimen prior to allogeneic transplant in patients with mycosis fungoides/ Sezary syndrome, a cutaneous T cell NHL. While these patients exhibit little sensitivity to traditional chemotherapy, graft-versus-lymphoma effect provided by allogeneic transplant seems to have an excellent disease control effect. I also use high throughput sequencing technology to assess the minimal residual disease and the immune reconstitution after allogeneic transplant.

CLINICAL TRIALS

- A Long-term Follow-up Study of Subjects Who Received CRISPR CAR T Cellular Therapies, Recruiting
- CIBMTR Research Database, Recruiting
- GD2 CAR T Cells in Diffuse Intrinsic Pontine Gliomas(DIPG) & Spinal Diffuse Midline Glioma(DMG), Recruiting
- A Safety and Efficacy Study Evaluating CTX130 in Subjects With Relapsed or Refractory T or B Cell Malignancies (COBALT-LYM), Not Recruiting
- A Safety and Efficacy Study Evaluating CTX131 in Adult Subjects With Relapsed or Refractory Solid Tumors, Not Recruiting
- A Safety and Efficacy Study Evaluating CTX131 in Adult Subjects With Relapsed/Refractory Hematologic Malignancies, Not Recruiting
- A Study Evaluating the Safety and Efficacy of BEAM-201 in Relapsed/Refractory T-Cell Acute Lymphoblastic Leukemia (T-ALL) or T-Cell Lymphoblastic Lymphoma (T-LL), Not Recruiting
- A Study of Ruxolitinib in Combination With Corticosteroids for the Treatment of Steroid-Refractory Acute Graft-Versus-Host Disease (REACH-1), Not Recruiting
- A Study to Evaluate the Safety and Efficacy of A2B395, an Allogeneic Logic-gated CAR T, in Participants With Solid Tumors That Express EGFR and Have Lost HLA-A*02 Expression, Not Recruiting
- A Trial of the FMS-like Tyrosine Kinase 3 (FLT3) Inhibitor Gilteritinib Administered as Maintenance Therapy Following Allogeneic Transplant for Patients With FLT3/Internal Tandem Duplication (ITD) Acute Myeloid Leukemia (AML), Not Recruiting
- Allo vs Hypomethylating/Best Supportive Care in MDS (BMTCTN1102), Not Recruiting
- Allogeneic Transplantation Using Total Lymphoid Irradiation (TLI) and Anti-Thymocyte Globulin (ATG) for Older Patients With Hematologic Malignancies, Not Recruiting
- Autologous Followed by Non-myeloablative Allogeneic Transplantation for Non-Hodgkin's Lymphoma, Not Recruiting
- CD8+ Memory T-Cells as Consolidative Therapy After Donor Non-myeloablative Hematopoietic Cell Transplant in Treating Patients With Leukemia or Lymphoma, Not Recruiting
- Clinical and Pathologic Studies in Non-Hodgkin's Lymphoma Patients Receiving Antibody Treatment, Not Recruiting
- Continued, Long-Term Follow-Up and Lenalidomide Maintenance Therapy for Patients on BMT CTN 0702 Protocol (BMT CTN 07LT), Not Recruiting
- Donor Atorvastatin Treatment for Preventing Severe Acute Graft-Versus-Host Disease in Patients Undergoing Myeloablative Peripheral Blood Stem Cell Transplantation, Not Recruiting
- Donor Regulatory T Cells in Treating Patients With Visceral Acute Graft-versus-Host Disease After Stem Cell Transplant, Not Recruiting
- Double Cord Versus Haploidentical (BMT CTN 1101), Not Recruiting
- Expanded Access Protocol (EAP) for Nonconforming (NC) Afami-cel, Not Recruiting
- Expanded Access Protocol for Tabelecleucel for Patients With Epstein-Barr Virus-Associated Viremia or Malignancies, Not Recruiting
- High Dose Chemotherapy and Allogeneic Hematopoietic Cell Transplant for Non-Hodgkin's Lymphoma, Not Recruiting
- Ibrutinib in Combination With Corticosteroids vs Placebo in Combination With Corticosteroids in Participants With New Onset Chronic Graft Versus Host Disease (cGVHD), Not Recruiting
- Ibrutinib in Treating Patients With Refractory or Relapsed Lymphoma After Donor Stem Cell Transplant, Not Recruiting
- Non-myeloablative Allogeneic Transplantation for the Treatment of Multiple Myeloma, Not Recruiting
- Novel Approaches for Graft-versus-Host Disease Prevention Compared to Contemporary Controls (BMT CTN 1203), Not Recruiting
- Obinutuzumab in cGVHD After Allogeneic Peripheral Blood Stem Cell Transplantation, Not Recruiting
- Ph II of Non-myeloablative Allogeneic Transplantation Using TLI & ATG In Patients w/ Cutaneous T Cell Lymphoma, Not Recruiting
- Phase 2 Poor Risk DLBCL of TLI and ATG Followed by Matched Allogeneic HT as Consolidation to Autologous HCT, Not Recruiting
- Phase 2 Study of Autologous Followed by Nonmyeloablative Allogeneic Transplantation Using TLI & ATG, Not Recruiting

- Solid Tumor Analysis for HLA Loss of Heterozygosity (LOH) and Apheresis for CAR T- Cell Manufacturing, Not Recruiting
- Standard-Dose Combination Chemotherapy or High-Dose Combination Chemotherapy and Stem Cell Transplant in Treating Patients with Relapsed or Refractory Germ Cell Tumors, Not Recruiting
- Stem Cell Transplant With Lenalidomide Maintenance in Patients With Multiple Myeloma (BMT CTN 0702), Not Recruiting
- Stem Cell Transplantation in Individuals With Multiple Myeloma (BMT CTN 0102), Not Recruiting
- Study of Brexucabtagene Autoleucel (KTE-X19) for the Treatment of Individuals With Relapsed/Refractory B-Cell Malignancies, Not Recruiting
- Study of Brexucabtagene Autoleucel (KTE-X19) in Participants With Relapsed/Refractory Mantle Cell Lymphoma (Cohort 3), Not Recruiting
- Study of Effectiveness of Axicabtagene Ciloleucel Compared to Standard of Care Therapy in Patients With Relapsed/Refractory Diffuse Large B Cell Lymphoma, Not Recruiting
- Study of Safety and Efficacy of KTE-C19 in Combination With Atezolizumab in Adults With Refractory Diffuse Large B-Cell Lymphoma (DLBCL), Not Recruiting
- TLI & ATG for Non-Myeloablative Allogeneic Transplantation for MDS and MPD, Not Recruiting
- Transplantation for Patients With Chronic Lymphocytic Leukemia, Not Recruiting
- Bone Marrow Grafting for Leukemia and Lymphoma, Not Specified

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (PhD Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Hemophagocytic Lymphohistiocytosis and Fibroblast Growth Factor 23 (FGF23)-Induced Hypophosphatemia.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Cacciapuoti, M., Bahrainwala, J. Z., Weng, W. K., Scott, S. A., Bhalla, V., Abra, G.
  2026
- **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
- **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
- **Stem cell therapy for ischemic stroke: neuroimaging approaches and evidence from a systematic review.** *Frontiers in neurology*
  Jiang, B., Zhao, M., Tong, E., Liu, Y., Fettahoglu, A., Weng, W. K., Moseley, M. E., Wintermark, M., Steinberg, G. K., Zaharchuk, G.

2026; 17: 1718086

- **Brexucabtagene autoleucel for BTKi-naive relapsed/refractory mantle cell lymphoma: primary analysis of ZUMA-2 Cohort 3.** *Blood*
  van Meerten, T., Kersten, M. J., Iacoboni, G., Hess, G. R., Mutsaers, P. G., Martin Garcia-Sancho, A. M., Goy, A., Gine, E., Hill, B. T., Weng, W. K., Reagan, P. M., Patel, K., Galal, et al
  2025

- **The Impact of Anti-CD38 Monoclonal Antibody Therapy on Stem-Cell Mobilization Yields in Patients with Newly Diagnosed Multiple Myeloma (NDMM) Referred from Community and Academic Oncology Practices: Single Center, Real World Data 2021-2024.** *Transplantation and cellular therapy*
  Uzun, D., Paul, J. M., Jensen, A., Tamaresis, J., Domingo, W., Arai, S., Ventura, F. A., Rocha, J., Bennett, L., Jones, A., Bharadwaj, S., Johnston, L., Lowsky, 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

- **ASTCT and USCLC Clinical Practice Recommendations for Allogeneic Stem Cell Transplant in Mycosis Fungoides and Sézary Syndrome.** *Journal of the American Academy of Dermatology*
  Goyal, A., O'Leary, D., Dabaja, B., Weng, W. K., Zain, J., Cutler, C., Guitart, J., Kim, Y. H., Geskin, L. J., Hoppe, R. T., Wilson, L. D., Beaven, A. W., Horwitz, et al
  2025

- **Efficacy of Hedgehog Pathway Inhibitors as Adjuvant in Treating Steroid-Refractory Sclerodermatous Chronic Graft-Versus-Host Disease.** *Journal of the American Academy of Dermatology*
  Mendez-Hernandez, A., Gupta, R., Arai, S., Lowsky, R., Kwong, B., Weng, W. K.
  2025

- **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

- **Safety and activity of CTX130, a CD70-targeted allogeneic CRISPR-Cas9-engineered CAR T-cell therapy, in patients with relapsed or refractory T-cell malignancies (COBALT-LYM): a single-arm, open-label, phase 1, dose-escalation study.** *The Lancet. Oncology*
  Iyer, S. P., Sica, R. A., Ho, P. J., Prica, A., Zain, J., Foss, F. M., Hu, B., Beitinjaneh, A., Weng, W. K., Kim, Y. H., Khodadoust, M. S., Huen, A. O., Williams, et al
  2024

- **A 17-Year Experience of a Large Dedicated Fellowship in Blood and Marrow Transplantation and Cellular Therapy: A Blueprint for Modern Day Training Program.** *Journal of cancer education : the official journal of the American Association for Cancer Education*
  Bharadwaj, S., Lowsky, R., Mikkilineni, L., Smith, M., Weng, W. K.
  2024

- **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

- **CD22-Directed CAR T-Cell Therapy Achieves Complete Remission in CD19-Directed CAR T-Cell Refractory Follicular and Mantle Cell Lymphoma**
  Kramer, A., Srinagesh, H., Su, Y., Hamilton, M. P., Levine, K., Migliore, E., Denoble, K., Brown, A. K., Cunanan, K., Agarwal, N., Lohman, C., Mavroukakis, S., Bharadwaj, et al
  ELSEVIER.2024: 2064-2066

- **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

- **ASTCT and USCLC Clinical Practice Recommendations for Allogeneic Stem Cell Transplant in Mycosis Fungoides and Sézary Syndrome.** *Transplantation and cellular therapy*
  Goyal, A., O'Leary, D., Dabaja, B., Weng, W. K., Zain, J., Cutler, C., Guitart, J., Kim, Y. H., Geskin, L. J., Hoppe, R. T., Wilson, L. D., Beaven, A. W., Horwitz, et al
  2024

- **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

- **A Phase 1 Clinical Trial of NKTR-255 with CD19-22 CAR-T Cell Therapy for Refractory B-cell Acute Lymphoblastic Leukemia.** *Blood*
  Srinagesh, H. K., Jackson, C., Shiraz, P., Jeyakumar, N., Hamilton, M. P., Egeler, E., Mavroukakis, S., Kuo, A., Cancilla, J., Sahaf, B., Agarwal, N., Kanegai, A. M., Kramer, et al
  2024

- **Bendamustine is a safe and effective lymphodepletion agent for axicabtagene ciloleucel in patients with refractory or relapsed large B-cell lymphoma.** *Journal for immunotherapy of cancer*
  Bharadwaj, S., Lau, E., Hamilton, M. P., Goyal, A., Srinagesh, H., Jensen, A., Lee, D., Mallampet, J., Elkordy, S., Syal, S., Patil, S., Latchford, T., Sahaf, et al
  2024; 12 (7)

- **Long-term remission with allogeneic transplant in patients with refractory/relapsed cutaneous cytotoxic T-cell lymphoma.** *Blood neoplasia*
  Weng, W. K., Iragavarapu, C., Weng, G. M., Hoppe, R. T., Hiniker, S., Khodadoust, M. S., Kim, Y. H.
  2024; 1 (2): 100007

- **Management of post-autologous transplant relapse in patients with T-cell lymphomas.** *American journal of hematology*
  Veilleux, O., Socola, F., Arai, S., Frank, M. J., Johnston, L., Lowsky, R., Shizuru, J., Meyer, E., Muffly, L., Rezvani, A. R., Shiraz, P., Sidana, S., Dahiya, et al
  2024

- **Tabelecleucel for EBV+ PTLD following allogeneic HCT or SOT in a multicenter expanded access protocol.** *Blood advances*
  Nikiforow, S., Whangbo, J. S., Reshef, R., Tsai, D. E., Bunin, N. J., Abu-Arja, R. F., Mahadeo, K. M., Weng, W. K., Van Besien, K., Loeb, D., Nasta, S. D., Nemecek, E. R., Zhao, et al
  2024

- **CAR19 monitoring by peripheral blood immunophenotyping reveals histology-specific expansion and toxicity.** *Blood advances*
  Hamilton, M. P., Craig, E., Gentille Sanchez, C., Mina, A., Tamaresis, J., Kirmani, N., Ehlinger, Z., Syal, S., Good, Z., Sworder, B., Schroers-Martin, J., Lu, Y., Muffly, et al
  2024

- **A US Multicenter Collaborative Study on Outcomes of Hematopoietic Cell Transplantation in Hepatosplenic T-Cell Lymphoma.** *Transplantation and cellular therapy*
  Moustafa, M. A., Ramdial, J. L., Tsalatsanis, A., Khimani, F., Dholaria, B., Bojanini, L., Brooks, T., Zain, J., Bennani, N. N., Braunstein, Z., Brammer, J. E., Beitinjaneh, A., Jagadeesh, et al
  2024

- **Clinical characteristics, treatment patterns, and outcomes of cytotoxic cutaneous T-cell lymphomas.** *American journal of hematology*
  Mou, E., Fernandez-Pol, S., Li, S., Rieger, K. E., Novoa, R., Suarez, C. J., Wieland, R., Weng, W., Kim, Y. H., Khodadoust, M. S.
  2024

- **Clinical Features of Neurotoxicity Following CD19 CAR T-cell Therapy in Mantle Cell Lymphoma.** *Blood advances*
  Nie, E. H., Su, Y. J., Baird, J. H., Agarwal, N., Bharadwaj, S., Weng, W. K., Smith, M., Dahiya, S., Han, M. H., Dunn, J. E., Kipp, L. B., Miklos, D. B., Scott, et al
  2024

- **Single Center Randomized Trial of T-reg graft alone versus T-reg graft Plus Tacrolimus for the Prevention of Acute GVHD.** *Blood advances*
  Bader, C. S., Pavlova, A., Lowsky, R., Muffly, L., Shiraz, P., Arai, S., Johnston, L. J., Rezvani, A. R., Weng, W. K., Miklos, D. B., Frank, M. J., Tamaresis, J. S., Agrawal, et al
  2023

- **Improved outcomes for relapsed/refractory Hodgkin lymphoma after autologous transplantation in the era of novel agents.** *Blood*
  Spinner, M. A., Sica, R. A., Tamaresis, J. S., Lu, Y., Chang, C., Lowsky, R., Frank, M. J., Johnston, L. J., Miklos, D. B., Muffly, L., Negrin, R. S., Rezvani, A. R., Shiraz, et al
  2023

- **Allogeneic Hematopoietic Cell Transplantation for Adult Acute Lymphoblastic Leukemia in the Modern Era.** *Transplantation and cellular therapy*
  Liang, E. C., Craig, J., Torelli, S., Cunanan, K., Iglesias, M., Arai, S., Frank, M. J., Johnston, L., Lowsky, R., Meyer, E. H., Miklos, D. B., Negrin, R., Rezvani, et al
  2022

- **Real-world Experience of Cryopreserved Allogeneic Hematopoietic Grafts in the COVID-19 Pandemic: A Single Center Report.** *Transplantation and cellular therapy*
  Bankova, A. K., Caveney, J., Yao, B., Ramos, T. L., Bogeholz, J., Heydari, K., Diaz, N., Jackson, M. L., Lowsky, R., Brown, J. W., Johnston, L., Rezvani, A. R., Frank, et al
  1800

- **Incidence and risk factors associated with bleeding and thrombosis following chimeric antigen receptor T-cell therapy** *BLOOD ADVANCES*
  Johnsrud, A., Craig, J., Baird, J., Spiegel, J., Muffly, L., Zehnder, J., Tamaresis, J., Negrin, R., Johnston, L., Arai, S., Shizuru, J., Lowsky, R., Meyer, et al
  2021; 5 (21): 4465-4475

- **Concordance of peripheral blood and bone marrow measurable residual disease in adult acute lymphoblastic leukemia.** *Blood advances*
  Muffly, L., Sundaram, V., Chen, C., Yurkiewicz, I., Kuo, E., Burnash, S., Spiegel, J. Y., Arai, S., Frank, M. J., Johnston, L. J., Lowsky, R., Meyer, E. H., Negrin, et al
  2021; 5 (16): 3147-3151

- **NUTRITIONAL DEFICIENCY CONTRIBUTING TO REFRACTORY ERYTHRODERMA IN HEMATOPOETIC CELL TRANSPLANT PATIENTS: DISTINCTIVE CLINICAL AND HISTOPATHOLOGICAL FINDINGS.** *Journal of the American Academy of Dermatology*
  Winge, M. C., Rieger, K. E., Kim, J., Weng, W., Johnston, L. J., Miklos, D. B., Strelo, J., Zaba, L. C., Pugliese, S. B., Novoa, R. A., Kwong, B. Y.
  2021

- **CAR T cells with dual targeting of CD19 and CD22 in adult patients with recurrent or refractory B cell malignancies: a phase 1 trial.** *Nature medicine*
  Spiegel, J. Y., Patel, S., Muffly, L., Hossain, N. M., Oak, J., Baird, J. H., Frank, M. J., Shiraz, P., Sahaf, B., Craig, J., Iglesias, M., Younes, S., Natkunam, et al
  2021

- **Outcomes after delayed and second autologous stem cell transplant in patients with relapsed multiple myeloma.** *Bone marrow transplantation*
  Lemieux, C., Muffly, L. S., Iberri, D. J., Craig, J. K., Johnston, L. J., Lowsky, R., Shiraz, P., Rezvani, A. R., Frank, M. J., Weng, W., Meyer, E., Shizuru, J. A., Arai, et al
  2021

- **Stem Cell Mobilization in Multiple Myeloma: Comparing Safety and Efficacy of Cyclophosphamide +/- Plerixafor vs. G-CSF +/- Plerixafor in the Lenalidomide Era.** *Transplantation and cellular therapy*
  Johnsrud, A., Ladha, A., Muffly, L., Shiraz, P., Goldstein, G., Osgood, V., Shizuru, J. A., Johnston, L., Arai, S., Weng, W., Lowsky, R., Rezvani, A. R., Meyer, et al
  2021

- **Radiation Therapy for Primary Cutaneous Gamma Delta Lymphoma Prior to Stem Cell Transplantation.** *Cancer investigation*
  Wu, Y. F., Skinner, L., Lewis, J., Khodadoust, M. S., Kim, Y. H., Kwong, B. Y., Weng, W., Hoppe, R. T., Sodji, Q., Hui, C., Kastelowitz, N., Fernandez-Pol, S., Hiniker, et al
  2021: 1–11

- **Use of Backup Stem Cells for Stem Cell Boost and Second Transplant in Patients with Multiple Myeloma Undergoing Autologous Stem Cell Transplantation.** *Transplantation and cellular therapy*
  Liang, E. C., Muffly, L. S., Shiraz, P., Shizuru, J. A., Johnston, L., Arai, S., Frank, M. J., Weng, W., Lowsky, R., Rezvani, A., Meyer, E. H., Negrin, R., Miklos, et al
  2021

- **Immune reconstitution and infectious complications following axicabtagene ciloleucel therapy for large B-cell lymphoma** *BLOOD ADVANCES*
  Baird, J. H., Epstein, D. J., Tamaresis, J. S., Ehlinger, Z., Spiegel, J. Y., Craig, J., Claire, G. K., Frank, M. J., Muffly, L., Shiraz, P., Meyer, E., Arai, S., Brown, et al
  2021; 5 (1): 143–55

- **Pembrolizumab in mycosis fungoides with PD-L1 structural variants.** *Blood advances*
  Beygi, S. n., Fernandez-Pol, S. n., Duran, G. n., Wang, E. B., Stehr, H. n., Zehnder, J. L., Ramchurren, N. n., Fling, S. P., Cheever, M. A., Weng, W. K., Kim, Y. H., Khodadoust, M. S.
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