



Lori Muffly

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

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICE (PRIMARY)

- **Blood and Marrow Transplant Clinic**

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Bio

BIO

Dr. Muffly is a Professor in the Division of Blood and Marrow Transplantation-Cellular Therapies. She is an expert in cellular therapies for adults with acute leukemia. She leads several national and institutional clinical trials aimed at improving the outcomes of bone marrow transplantation and CAR T-cell therapies for adults with acute lymphoblastic leukemia and acute myeloid leukemia. She also conducts population sciences research to improve access to care and outcomes among these patient populations. She serves on the Board of Directors for NMDP, is a prior Director at Large for ASTCT, is a member of the Editorial Boards of Blood, Blood Advances, and the Hematologist, an Associate Editor for Transplantation and Cellular Therapy, and the Executive Editor of Hematology, the ASH Education Book. Her work is funded by the Leukemia and Lymphoma Society, the NIH, the California Institute of Regenerative Medicine, and various industry partners.

CLINICAL FOCUS

- blood and marrow transplant
- Hematology
- CAR T Cell Therapy
- acute lymphoblastic leukemia
- acute myeloid leukemia

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Blood & Marrow Transplantation
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Senior Fellow, Leukemia & Transplantation Program - University of Chicago, (2011-2013)
- Senior Fellow, Lymphoma Program, University of Chicago, (2011-2013)

- Senior Fellow, Adolescent & Young Adult Clinic, University of Chicago, (2012-2013)
- Bone Marrow Transplant Fellow, Colorado Blood Cancer Institute, Denver CO, (2013-2014)
- Clinical Assistant Professor of Medicine, Stanford University, (2014-2018)
- Assistant Fellowship Director, Stanford Blood and Marrow Transplant Division, (2016-2019)
- Faculty Director, Stanford Cancer Cell Therapy Core Database, (2018-2020)
- Assistant Professor of Medicine, Division of Blood and Marrow Transplantation Stanford University, (2018- present)
- Clinical Research Group (CRG) Leader, Stanford Blood and Marrow Transplant, (2019- present)
- Clinical Research Operations Leader, Stanford BMT-CT Division, (2019- present)

HONORS AND AWARDS

- Herbert Armory Hare Honor Medical Society, Jefferson Medical College (2007)
- Excellence in Teaching Award, Dartmouth Hitchcock Medical Center (2010)
- Illinois Medical Oncology Society Fellow Research Award Recipient, . (2012)
- NIH T32CA9566 Training Grant Recipient, . (2012)
- Richard and Debra Gonzalez Fellowship Grant Recipient, University of Chicago (2012)
- American Society of Blood & Marrow Transplantation Travel Grant Recipient, . (2013)
- Conquer Cancer Foundation of ASCO Jane C Wright, MD Young Investigator Award, . (2013)
- Palliative Care Research Cooperative Group Investigator Development Award, . (2016)
- Clinical Innovation Award, Stanford Cancer Institute (2017)
- Access to Care Award, Leukemia and Lymphoma Society (2020)
- Innovation Award, Stanford Cancer Institute (2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Society of Clinical Oncology (2013 - present)
- Member, American Society of Hematology (2013 - present)
- Member, American Society for Transplantation and Cellular Therapy (2014 - present)
- Member, Stanford Cancer Institute (2014 - present)
- Member, Scientific Review Committee Panel Member, Stanford Cancer Institute (2016 - 2020)
- Member, Center for Cancer Cell Therapies (2016 - present)
- Member, Society of Hematologic Oncology (SOHO) Educational Planning Committee (2017 - present)
- Member, Center for International Blood and Marrow Transplant Late Effects Task Force (2018 - 2019)
- Member, Transplantation and Cellular Therapy Meetings (TCT) Scientific Organizing Committee (2019 - 2020)
- Member, American Society of Hematology Government Affairs Committee (2019 - present)
- Member, Bone Marrow Transplant Clinical Trials Network Publications Committee (2019 - present)
- Member, BMT Clinical Trials Network Myeloid Malignancies State of the Science Committee (2020 - present)
- Member, Center for Int'l Blood and Marrow Transplant Research Nominating Committee (2020 - present)
- Member, American Board of Internal Medicine Hematology Item Writing Task Force Committee (2020 - present)
- Co-Chair, Bone Marrow Transplant Clinical Trials Network Publications Committee (2021 - present)
- Member, Stanford Cancer Institute Data and Safety Monitoring Committee (2021 - present)

PROFESSIONAL EDUCATION

- Board Certification: Hematology, American Board of Internal Medicine (2013)
- Medical Education: Sidney Kimmel Medical College Thomas Jefferson University (2007) PA
- Fellowship: University of Chicago Hospitals (2013) IL
- Residency: Dartmouth Hitchcock Medical Center (2010) NH
- Internship: Dartmouth Hitchcock Medical Center (2008) NH

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Muffly is the Principal Investigator on numerous clinical trials in the Division of BMT-CT. Her trials have included novel CAR T-cell constructs for adults with ALL and AML, including CAR T-cell therapies that have been developed and manufactured at Stanford. She has studied methods to improve CAR T-cells in adults with ALL in vivo through the use of cytokine and tyrosine kinase inhibitors. She is also interested in novel trials and approaches to transplantation, and is the Principal Investigator of an investigator initiated trial that combines a donor graft engineered transplant with allogeneic CAR T-cells for adults with high-risk ALL. She has several industry partnerships to advance science and new therapeutics in these patient populations. Aside from clinical trials, she leads a health outcomes research program that has received successive funding to study equity in access to care for young adults with acute leukemia. She has published several papers on this topic and works with researchers around the country examining large datasets to determine patterns of care and barriers to specialized cancer care. She has mentored dozens of students and trainees and serves as faculty for mentorship programs (ASH CRTI). She is also a current or past member of the Editorial Boards of Blood, Blood Advances, the Hematologist, and serves as the Executive Editor of Hematology, the ASH Annual Meeting Book.

CLINICAL TRIALS

- Expanded Access Protocol (EAP) for Nonconforming (NC) Afami-cel, Recruiting
- Phase I B7-H3 Chimeric Antigen Receptor T Cells (B7-H3CART) in Recurrent Glioblastoma Multiforme, Recruiting
- Phase I Trial for Patients w/ Advanced Hematologic Malignancies Undergoing Allogeneic HCT, Recruiting
- Phase tbd Molecular Evaluation of AML Patients After StemCell Transplant to Understand RelapseEvents, 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
- Observational ClonoSEQ® Next Generation Sequencing in Hematologic Malignancies: The Watch Registry, Not Recruiting
- Phase 3 Maribavir vs Valganciclovir in Tx of Cytomegalovirus (CMV) Infection in HSCT Recipients, Not Recruiting
- Phase I CD19/CD22 Chimeric Antigen Receptor T Cells in Peds Recurrent/Refractory B Cell Malignancies, Not Recruiting
- Phase I KITE-222 AutologousAnti-CLL-1 CAR T-Cell Therapy in Relapsed/Refractory AcuteMyeloidLeukemia, Not Recruiting
- Phase I MAGE-A10c796T in Stage IIIb / IV Non-Small Cell Lung Cancer, Not Recruiting
- Phase I MyeloablativeConditioning Orca-T&Allogeneic Donor-Derived CD19/CD22-CAR TCells in B-Cell ALL, Not Recruiting
- Phase I Primary T Regulatory Cell Tx to Treat Visceral Acute GVHD After HCT, Not Recruiting
- Phase I Study of WU-NK-101 in Relapsed or Refractory (R/R) Acute Myeloid Leukemia (AML), Not Recruiting
- Phase I/Ib Autologous CD22 CAR T Cells in Adults w/ Recurrent or Refractory B Cell Malignancies, Not Recruiting
- Phase I/II Anti-CD33 CAR-TCells(VCAR33) in R/R AML After Allogeneic HematopoieticCellTransplantation, Not Recruiting
- Phase I/II KTE-C19 in Combo w/ Atezolizumab in Refractory Diffuse Large B-Cell Lymphoma (DLBCL), Not Recruiting

- Phase Ia/b JSP191 +/- Conditioning Regimen of Low Dose RT & Fludarabine in MDS / AML Undergoing HCT, Not Recruiting
- Phase Ib Axicabtagene Ciloleucl Reinfusion(Axi-Cel-2) in Relapsed/Refractory 2nd Line High-Risk NHL, Not Recruiting
- Phase Ib Brexucabtagene Autoleucl plus Dasatinib in Adults with Acute Lymphoblastic Leukemia, Not Recruiting
- Phase II Obinutuzumab in Prevention of cGVHD After Allogeneic Peripheral Blood Stem Cell Transplant, Not Recruiting
- Phase II Optimizing Post-Allogeneic HCT Outcomes in Lymphoma Using Ibrutinib, Not Recruiting
- Phase II QoL in Older vs. Younger Adults Undergoing Allogeneic HCT for Myelodysplastic Syndromes, Not Recruiting
- Phase II Ruxolitinib in Combo w/ Corticosteroids in Steroid-Refractory Acute Graft-vs-Host Disease, Not Recruiting
- Phase II Tabelecleucl in Epstein-BarrVirus-Associated Viremia /Malignancy Who Have No AlternativeTx, Not Recruiting
- Phase III ASP0113 in Cytomegalovirus (CMV)-Seropositive Recipients Undergoing Allogeneic HCT, Not Recruiting
- Phase III Axicabtagene Ciloleucl vs SoC Therapy in Relapsed/Refractory Diffuse Large BCell Lymphoma, Not Recruiting
- Phase III Calcineurin Inhibitor-Free Interventions for Prevention of GVHD, Not Recruiting
- Phase III FLT3Inhibitor Gilteritinib Maintenance Therapy After Allogeneic Transplant in FLT3/ITD AML, Not Recruiting
- Phase III Standard-Dose Combo Chemo or High-Dose Combo Chemo +Stem Cell T-plant in Germ Cell Tumors, Not Recruiting
- Phase I CD19/CD22 ChimericAntigenReceptor TCells+/-NKTR-255 in Recurrent/Refractory BCellMalignancies, Not Recruiting
- Pilot Comparing Effectiveness of Stanford Letter vs Traditional Advance Directive in BMT Recipients, Not Recruiting
- Social Adaptation in Long Term Survivors of Blood and Marrow Transplantation, Not Recruiting
- Total Body Irradiation +/- Total Lymphoid Irradiation & Anti-Thymocyte Globulin in Non-MHCT, Not Recruiting
- Gilteritinib (ASP2215) in FLT3 Mutated Relapsed or Refractory AML or FLT3-Mutated AML in CR w/ MRD, Not Specified
- Phase I FLT3 Chimeric AntigenReceptor T-Cell(CAR-T) AMG 553 in FLT3-Positive Relapsed/Refractory AML, Not Specified

Publications

PUBLICATIONS

- **Adoption of Pediatric-Inspired Acute Lymphoblastic Leukemia Regimens by Adult Oncologists Treating Adolescents and Young Adults: A Population-Based Study** *CANCER*
Muffly, L., Lichtensztajn, D., Shiraz, P., Abrahao, R., McNeer, J., Stock, W., Keegan, T., Gomez, S. L.
2017; 123 (1): 122-130
- **A phase 1/2 study of donor-derived anti-CD33 CAR T-cell therapy (VCAR33) for relapsed/refractory AML after allogeneic HCT** *BLOOD*
Mushtaq, M., DiPersio, J. F., Azzi, J., Cooper, B. W., Koehne, G., Koura, D., Maakaron, J., Magenau, J., McClune, B., Rimando, J. C., Shah, N. N., Suh, H. C., Beuka, et al
2026; 147 (17): 1914-1927
- **Brexu-cel plus dasatinib: Safety and feasibility of dasatinib pulses after brexucabtagene autoleucl 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
- **Zamtocabtagene autoleucl: dual CD20-CD19 targeting for NHL.** *Blood advances*
Srinagesh, H. K., Muffly, L. S.
2026; 10 (7): 2429-2430
- **Phase 1 Study of KITE-222, an Autologous CLL-1-directed CAR T-cell Therapy in Patients With Relapsed/Refractory Acute Myeloid Leukemia.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Daver, N., Blachly, J. S., Ghobadi, A., Advani, A., Muffly, L., Garcia, S., Recher, C., Kahali, B., Sun, J., Jung, A. S., Filosto, S., Mao, D., Granados, 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
- **Nonmyeloablative Conditioning Combined with Anti-CD117 Antibody Briquilimab in Older Adults with High-Risk AML and MDS.** *Blood*
Muffly, L. S., Lee, C. J., Gandhi, A., Varma, A., Scott, B. L., Patel, S. S., Shiraz, P., Youn, M., Yanagiba, C., Arulprakasam, J., Le, A., Kwon, H. S., Long-Boyle, et al
2026
- **Blinatumomab Nonresponse Correlates with Poor Survival After Brexucabtagene.** *Blood*
Srinagesh, H. K., Gupta, V. K., Zhang, A., Grunwald, M. R., Connor, M. P., Kota, V. K., Boccucci, J., Ulrickson, M. L., Pradeep, R., Hill, L. C., Tsai, S. B., O'Connor, T. E., Sandhu, et al
2026
- **Inclusion as innovation: broadening trial criteria in AML** *BLOOD*
Kennedy, V. E., Muffly, L.
2026; 147 (6): 604-605
- **Inclusion as innovation: broadening trial criteria in AML.** *Blood*
Kennedy, V. E., Muffly, L.
2026; 147 (6): 604-605
- **A phase 1/2 study of donor-derived anti-CD33 CAR T-cell therapy (VCAR33) for relapsed/refractory AML after allogeneic HCT.** *Blood*
Mushtaq, M. U., DiPersio, J. F., Azzi, J., Cooper, B. W., Koehne, G., Koura, D., Maakaron, J. E., Magenau, J. M., McClune, B., Rimando, J. C., Shah, N. N., Suh, H. C., Beuka, et al
2026
- **Patterns of Solid Tumor Risk after HCT Based on a Population-Based CIBMTR and California Cancer Registry Linked Dataset**
Schonfeld, S. J., Meyer, C. L., Shaw, B. E., Phelan, R., Rizzo, J., Brunson, A., Curtis, R., Wun, T., Auletta, J. J., Muffly, L. S., Keegan, T. H. M., Morton, L. M.
ELSEVIER SCIENCE INC.2026
- **Superior Long-Term Survival with Fludarabine-Melphalan RIC Regimen in Older AML/MDS Patients: A Propensity Score Analysis of CIBMTR Data**
Kongtim, P., Portuguese, A. J., Soyoung, K., Peterson, A., Elmariah, H., Muffly, L. S., Juckett, M. B., Grunwald, M., Nawas, M., Bejanyan, N., Jain, T., Bachanova, V., Bi, et al
ELSEVIER SCIENCE INC.2026: S53-S54
- **High Molecular Weight Isoforms of Thymic Stromal Lymphopoietin Correlate with Presence and Severity of Acute Graft Versus Host Disease**
Shiraz, P., Louloudis, I., Liliental, J. A., Muffly, L. S., Kennedy, V. E., Patel, S., Negrin, R. S., Lowsky, R., Arai, S., Johnston, L., Rezvani, A. R., Weng, W., Bharadwaj, et al
ELSEVIER SCIENCE INC.2026: S46-S47
- **Patient Characteristics, Toxicity, and Response after Real World Administration of Obecabtagene Autoleucl and Brexucabtagene Autoleucl for Relapsed Acute Lymphoblastic Leukemia: A Rocca Analysis**
Molina, A., Shiraz, P., Kanegai, A., Fraser, A., Kordek, D., Wagner, C., Danley, L., Ramakrishnan, A., Daghigh, H., Huang, Y., Dhapola, G., Siddiqui, A., Arai, et al
ELSEVIER SCIENCE INC.2026: S27
- **Centering Patient Voices to Validate a Health-Related Social Needs Data Collection Tool for BMT and Cellular Therapy**
Maeyama, J., Kalapurakkel, S., Johnson, C., Muffly, L. S.
ELSEVIER SCIENCE INC.2026

- **Outcomes of Allogeneic Hematopoietic Cell Transplantation for Myelodysplastic Syndrome in Recipients or Donors with Deleterious Likely Germline Variants**
Stubbins, R. J., Trottier, A. M., Hattig, Z. S., V. Rodgers, C., Haribabu, Y., Crone, L., Govaerts, I., Smith, W., Zhang, T., Bolon, Y., Grunwald, M. R., Jain, T., Juckett, et al
ELSEVIER SCIENCE INC.2026
- **Impact of IMWG Frailty and Nutritional Biomarkers on Outcomes in MM Pts Undergoing ASCT**
Uzun, D., Zhang, A., Austin, R., Yeung, S. B., Kondapally, Y. R., Jensen, A., Hovanky, V., Rana, M., Shizuru, J. A., Arai, S., Rezvani, A. R., Bharadwaj, S., Lowsky, et al
ELSEVIER SCIENCE INC.2026
- **The Relationship of Baseline and Longitudinal Frailty and Inflammatory Biomarkers with CAR-T Treatment Outcomes in Relapsed Refractory Myeloma**
Yeung, S. B., Kondapally, Y. R., Uzun, D., Zhang, A., Austin, R., Jensen, A., Hovanky, V., Rana, M., Shizuru, J. A., Arai, S., Rezvani, A. R., Bharadwaj, S., Lowsky, et al
ELSEVIER SCIENCE INC.2026
- **Impact of Baseline and Dynamic IMWG Simplified Frailty Scores on Outcomes after CAR T-cell and Bispecific Antibody Therapy in Multiple Myeloma**
Zhang, A., Uzun, D., Yeung, S. B., Kondapally, Y. R., Austin, R., Jensen, A., Hovanky, V., Rana, M., Shizuru, J. A., Arai, S., Rezvani, A. R., Bharadwaj, S., Lowsky, et al
ELSEVIER SCIENCE INC.2026
- **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
- **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
- **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
- **Pre-treatment CD19 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
- **CRS/ICANS Prophylaxis does not Improve Outcomes in adult patients with Relapsed/Refractory B-cell acute lymphoblastic leukemia (B-ALL) treated with brexucabtagene autoleucl**
Mccauley, R., Zhang, A., Kota, V., Boccucci, J., Grunwald, M., Ulrickson, M., Hill, L., Muhsen, I., Sasine, J., Advani, A., Aldoss, I., Sandhu, K., Reshef, et al
ELSEVIER.2025: 2396-2397
- **Evaluation of commercially available chimeric antigen receptor (CAR) detection reagents for monitoring of CAR T-cell (CAR T) expansion and persistence in patients (pts) treated with obcabtagene autoleucl (obe-cel)**
Hussain, R., Farag, Y., Patel, A., Srinagesh, H., Muffly, L., Sahaf, B., Miklos, D., Ferrari, M., Day, W., Lao-Sirieix, P.
ELSEVIER.2025: 2367-2368

- **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
- **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
- **Pre- or post-CAR-T allogeneic hematopoietic cell transplant provides relapse-free survival benefit for R/R Philadelphia negative B-cell acute lymphoblastic leukemia (B-ALL) successfully treated with brexucabtagene autoleucel in the real world**
Logan, A., Yalniz, F., Zhang, A., Miller, K., Sutherland, K., Jeyakumar, N., Srinagesh, H., Grunwald, M., Kota, V., Boccucci, J., Ulrickson, M., Al-Darobi, A., Sasine, et al
ELSEVIER.2025: 516-517
- **Donor-derived CD7 CAR-T in T-ALL/LBL: promise and pitfalls.** *Blood*
Aldoss, I., Muffly, L.
2025; 146 (23): 2731-2732
- **Allogeneic hematopoietic cell transplantation in acute myeloid leukemia not in complete remission: outcomes and prognostic factors in a contemporary cohort.** *Blood cancer journal*
Elias, S., Brown, S., Egin, O., Walji, M., Homsy, S., Velayati, A., Devlin, S., Ponce, D. M., Kennedy, V., Bharadwaj, S., Shiraz, P., Jakubowski, A. A., Papadopoulos, et al
2025; 15 (1): 208
- **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., Daghigh, H., Huang, Y., Dhapola, G., Siddiqui, et al
ELSEVIER.2025: 514-515
- **Incidence and risk factors for CNS relapse in adult ALL after allogeneic hematopoietic cell transplant**
Le, C., Zhang, A., Vyas, R., Otani, J., Russell, K., Cassaday, R. D., Muffly, L., Liang, E.
ELSEVIER.2025: 6038-6039
- **Real-world outcomes with blinatumomab as a bridging therapy for allogeneic hematopoietic stem cell transplantation in relapsed/refractory or measurable residual disease-positive B-cell acute lymphoblastic leukemia: A CIBMTR database analysis**
Saber, W., Brazauskas, R., Patel, J., Patel, M., Muffly, L., Juckett, M., Grunwald, M., Bejanyan, N., Jain, T., Bachanova, V., Jo, H., Zou, B., Choudhry, et al
ELSEVIER.2025: 6044-6045
- **KMT2Ar, but not other high-risk genetics, adversely impacts outcomes in adult patients with relapsed/refractory (R/R) Philadelphia chromosome negative B-cell acute lymphoblastic leukemia (B-ALL) treated with brexucabtagene autoleucel(Brexu-cel)**
Leonard, J., Ladha, A., Faramand, R., Roloff, G., Valtis, Y., Tan, V., Miller, K., Zhang, A., Grunwald, M., Kota, V., Boccucci, J., Ulrickson, M., Al-Darobi, et al
ELSEVIER.2025: 3365-3367
- **A single-arm, open-label, multi-center, phase 1b/2 Study to evaluate the safety, efficacy, and cellular pharmacokinetic profile of CTD402 in participants with relapsed/refractory T-cell acute lymphoblastic leukemia (T-ALL) and lymphoblastic lymphoma (T-LBL) (TENACITY-01)**
Muffly, L., Abadir, E., Geyer, M., Cassaday, R., Roloff, G., Sica, R., Stock, W., McNulty, E., Del Rosario, M., Shi, X., Liu, Y., Yu, Y., Zhou, et al

ELSEVIER.2025: 5954-5955

- **Patient characteristics, toxicity, and response after real world administration of obecabtagene autoleucl and brexucabtagene autoleucl for relapsed acute lymphoblastic leukemia: A rocca analysis**
Valtis, Y., Sandhu, K., Faramand, R., Zhang, A., Miller, K., Hill, L., Muhsen, I., Othman, T., Luskin, M., Chen, E., Oliai, C., Lill, G., Cassaday, et al
ELSEVIER.2025: 2715-2716
- **Superior long-term outcomes with fludarabine and melphalan reduced intensity regimen in older AML/MDS patients undergoing allogeneic stem cell transplantation: An analysis of CIBMTR data**
Kongtim, P., Portuguese, A., Kim, S., Peterson, A., Elmariah, H., Muffly, L., Juckett, M., Grunwald, M., Nawas, M., Bejanyan, N., Jain, T., Bachanova, V., Bi, et al
ELSEVIER.2025: 109-110
- **Travel time and insurance status as determinants of specialized leukemia care access in adolescents and young adult (AYA) patients with acute lymphoblastic leukemia (ALL)**
Muffly, L., Parsons, H., Miller, K., Luo, J., Zhang, A., Keegan, T.
ELSEVIER.2025: 283-284
- **Time from AML diagnosis to HCT and pre-HCT FLT3 inhibition impact pre-transplant MRD and benefit from post-HCT gilteritinib**
Levis, M., Hamadani, M., Logan, B., Jones, R., Singh, A., Litzow, M., Wingard, J., Papadopoulos, E., Perl, A., Soiffer, R., Ustun, C., Oshima, M., Uy, et al
ELSEVIER.2025: 1058-1059
- **Effect of FLT3 maintenance in older FLT3-ITD+ adults undergoing allogeneic HCT. a post hoc analysis of BMT CTN 1506**
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- **Update for the 'Watch' Registry, a Real-World Observational Study Using Clonoseq® to Monitor MRD in Lymphoid Malignancies**
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- **Bridging Therapy in Adults with Relapsed/Refractory B-Cell Acute Lymphoblastic Leukemia Receiving Standard of Care Brexucabtagene Autoleucl: Results from the RealWorld Outcomes Collaborative of CAR T in Adult ALL (ROCCA)**
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- **The Impact of Inotuzumab Ozogamicin (InO) Treatment on Brexucabtagene Autoleucl (Brexu-cel) Outcomes in Adults with Relapsed/Refractory B-Cell Acute Lymphoblastic Leukemia (B-ALL)**
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- **Discordance between Next Generation Sequencing and BCR-ABL PCR Measurable Residual Disease in Adult Patients with Ph plus Acute Lymphoblastic Leukemia**
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- **Phase 1/2 Study of Donor-Derived Anti-CD33 Chimeric Antigen Receptor Expressing T Cells (VCAR33) in Patients with Relapsed or Refractory Acute Myeloid Leukemia after Allogeneic Hematopoietic Cell Transplantation**
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- **Age-Related Differences in Utilization of Allogeneic HCT for Acute Myeloid Leukemia in California: Results of a Population-Based, Novel Linked Dataset**
Meyer, C. L., Keegan, T. H. M., Brunson, A., Auletta, J. J., Morton, L. M., Wun, T., Schonfeld, S. J., Valcarcel, B., Abrahao, R., Yusuf, R., Muffly, L. S.
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- **SOCIAL FUNCTIONING AFTER TRANSPLANTATION AND CELLULAR THERAPY: INITIAL PATIENT-REPORTED OUTCOMES RESULTS FROM THE CIBMTR**
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- **INSPIRED Symposium Part 4A: Access to CAR T cell Therapy in Unique Populations with B-cell Acute Lymphoblastic Leukemia.** *Transplantation and cellular therapy*
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- **Clinical Outcomes and Treatment Patterns in Adult Patients With FMS-Like Tyrosine Kinase 3 Internal Tandem Duplication Positive Acute Myeloid Leukemia Undergoing Allogeneic Hemopoietic Cell Transplantation in the US and Canada: CIBMTR® (Center for International Blood and Marrow Transplant Research Analysis)**
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- **Comparison of Vital Status and Cause-Specific Mortality after Hematopoietic Cell Transplantation between the Center for International Blood and Marrow Transplant Research and the California Cancer Registry: A Record-Linkage Analysis from 1991 to 2018**
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- **Subsequent Solid Neoplasms Following Hematopoietic Cell Transplantation (HCT) for Hematologic Malignancies: Comparing Center for International Blood and Marrow Transplant Research (CIBMTR) and California Cancer Registry (CCR) Data**
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- **The Development of Carhlh after Axicabtagene Ciloleucef Is Associated with Poor Outcomes**
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- **Analysis of Bendamustine Lymphodepletion, CD19 CART Expansion, Safety and Efficacy in Patients with Rel/Ref NonHodgkin Lymphoma**
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- **Interim Update on the 'Watch' Registry, a Real-World Observational Study Using Clonoseq (R) to Monitor MRD in Lymphoid Malignancies**
Patel, K., Svoboda, J., Shah, B. D., Cheson, B. D., Azzi, G., Patel, K., Cowan, A. J., Muffly, L., Simmons, H., Schliekelman, M., Leonard, J.
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- **Geographical Barriers to Accessing Specialty Cancer Care Among Adolescents and Young Adults with Acute Lymphoblastic Leukemia**
Muffly, L., Garcia, A., Miller, K., Keegan, T. H. M., Parsons, H.
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- **Ultra-Sensitive Next-Generation Sequencing Establishes the Prognostic Value of Very Low MRD in Adults with Acute Lymphoblastic Leukemia Undergoing Hematopoietic Cell Transplantation**
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- **CD22 CAR T Cells Demonstrate Favorable Safety Profile and High Response Rates in Pediatric and Adult B-ALL: Results of a Phase 1b Study**
Jeyakumar, N., Ramakrishna, S., Frank, M. J., Sahaf, B., Feldman, S. A., Miklos, D. B., Mackall, C. L., Davis, K. L., Muffly, L., Schultz, L. M.
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- **Precision-Engineered Cell Therapy Orca-T Demonstrates High Relapse-Free Survival at 1 Year While Reducing Graft-Versus-Host Disease and Toxicity**
Oliai, C., Hoeg, R. T., Pavlova, A., Gandhi, A., Muffly, L., Mehta, R. S., Srour, S. A., Waller, E. K., Lowsky, R., Patel, S. S., Dholaria, B., Bachier, C., Pantin, et al
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- **Impact on caregivers and families of patients receiving chimeric antigen receptor T-cell therapy: a prospective longitudinal mixed methods study**
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- **Continuous EEG monitoring detects nonconvulsive seizure and Ictal-Interictal Continuum abnormalities in moderate to severe ICANS following systemic CAR-T therapy** *NEUROHOSPITALIST*
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- **Linking the Center for International Blood and Marrow Transplant Research (CIBMTR) Registry to the California Cancer Registry and California Hospital Patient Discharge Data.** *Transplantation and cellular therapy*
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- **Measurable Residual Disease in Acute Lymphoblastic Leukemia: Techniques and Therapeutic Utility** *CLINICAL ADVANCES IN HEMATOLOGY & ONCOLOGY*
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- **Reverse fate mapping of CD19-targeted CAR T cells in patients with large B-cell lymphoma**
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- **Correction to: Measurable residual disease status and FLT3 inhibitor therapy in patients with FLT3-ITD mutated AML following allogeneic hematopoietic cell transplantation.** *Bone marrow transplantation*
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