

# Stanford

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## Lori Muffly

Assistant Professor of Medicine (Blood and Marrow Transplantation) at the Stanford University Medical Center

Medicine - Blood & Marrow Transplantation

### CLINICAL OFFICES

- **Blood and Marrow Transplant Clinic**

875 Blake Wilbur Dr Clinic F

MC 6560

Stanford, CA 94305

**Tel** (650) 498-6000

**Fax** (650) 498-6919

### ACADEMIC CONTACT INFORMATION

- **Administrative Associate**

Janice Smith - Administrative Associate

**Email** janices1@stanford.edu

**Tel** 650.724.4155

### Bio

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#### BIO

Dr. Muffly specializes in blood and marrow transplant and cellular therapies. Her interests include clinical research with a focus on improving outcomes in acute leukemia and blood and marrow transplantation.

#### CLINICAL FOCUS

- acute leukemia
- blood and marrow transplant
- Hematology

#### ACADEMIC APPOINTMENTS

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

#### ADMINISTRATIVE APPOINTMENTS

- Senior Fellow, Lymphoma Program, University of Chicago, (2011-2013)
- Senior Fellow, Leukemia & Transplantation 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 Professor of Medicine, Stanford University, (2018- present)

#### HONORS AND AWARDS

- Herbert Army 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)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, American Society of Clinical Oncology (2014 - present)
- Member, American Society of Hematology (2014 - present)

## **PROFESSIONAL EDUCATION**

- Board Certification: Hematology, American Board of Internal Medicine (2020)
- Board Certification: Medical Oncology, American Board of Internal Medicine (2020)
- Fellowship: University of Chicago Dept of Urology (2013) IL
- Medical Education: Jefferson Medical College (2007) PA
- Internship: Dartmouth Hitchcock Medical Center NH
- Residency: Dartmouth Hitchcock Medical Center NH

## **LINKS**

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

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Dr. Muffly's interests include health services research and clinical trials with a focus on acute leukemia and blood and marrow transplantation.

### **CLINICAL TRIALS**

- Autologous CD22 CAR T Cells in Adults w/ Recurrent or Refractory B Cell Malignancies, Recruiting
- Axicabtagene Ciloleucef Expanded Access Study, Recruiting
- CD8+ Memory T-Cells as Consolidative Therapy After Donor Non-myeloablative Hematopoietic Cell Transplant in Treating Patients With Leukemia or Lymphoma, Recruiting
- Ibrutinib in Treating Patients With Refractory or Relapsed Lymphoma After Donor Stem Cell Transplant, Recruiting
- JSP191 Antibody Targeting Conditioning in MDS/AML Patients Undergoing Hematopoietic Cell Transplantation, Recruiting
- MAGE A10####T for Advanced NSCLC, Recruiting
- Obinutuzumab in cGVHD After Allogeneic Peripheral Blood Stem Cell Transplantation, Recruiting
- Phase I Dose Escalation Study of CD19/CD22 Chimeric Antigen Receptor (CAR) T Cells in Children and Young Adults With Recurrent or Refractory B Cell Malignancies, Recruiting
- Standard-Dose Combination Chemotherapy or High-Dose Combination Chemotherapy and Stem Cell Transplant in Treating Patients With Relapsed or Refractory Germ Cell Tumors, 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 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
- Calcineurin Inhibitor-Free Interventions for Prevention of Graft-versus-Host Disease (BMT CTN 1301), Not Recruiting
- Donor Regulatory T Cells in Treating Patients With Visceral Acute Graft-versus-Host Disease After Stem Cell Transplant, Not Recruiting
- Efficacy of Axicabtagene Ciloleucef Compared to Standard of Care Therapy in Subjects With Relapsed/Refractory Diffuse Large B Cell Lymphoma, Not Recruiting

- Expanded Access Protocol for Tabelecleucel for Patients With Epstein-Barr Virus-Associated Viremia or Malignancies, Not Recruiting
- Ibrutinib in Combination With Corticosteroids vs Placebo in Combination With Corticosteroids in Subjects With New Onset cGVHD, Not Recruiting
- Post T-plant Infusion of Allogeneic Cytokine Induced Killer (CIK) Cells as Consolidative Therapy in Myelodysplastic Syndromes/Myeloproliferative Disorders, Not Recruiting
- Safety and Efficacy of KTE-C19 in Combination With Atezolizumab in Adults With Refractory Diffuse Large B-Cell Lymphoma (DLBCL), Not Recruiting
- Stanford Letter or Traditional Advance Directive in Advance Care Planning in Patients Undergoing Bone Marrow Transplant, Not Recruiting
- Study of Quality of Life in Older vs. Younger Adult Patients Undergoing Allogeneic Hematopoietic Cell Transplantation for Myelodysplastic Syndromes, Not Recruiting
- Total Body Irradiation +/- Total Lymphoid Irradiation & Anti-Thymocyte Globulin in Non-myeloablative Hematopoietic Cell Transplantation, Not Recruiting

## Publications

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### PUBLICATIONS

- **Decreased Early Mortality in Young Adult Patients With Acute Lymphoblastic Leukemia Treated at Specialized Cancer Centers in California** *JOURNAL OF ONCOLOGY PRACTICE*  
Alvarez, E. M., Malogolowkin, M., Li, Q., Brunson, A., Pollock, B. H., Muffly, L., Wun, T., Keegan, T. M.  
2019; 15 (4): 200-+
- **Does Treatment Setting Matter? Evaluating Resource Utilization for Adolescents Treated in Pediatric vs Adult Cancer Institutions** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*  
Parsons, H. M., Muffly, L., Alvarez, E. M., Keegan, T. M.  
2019; 111 (3): 224-25
- **Hematopoietic Cell Transplantation in Young Adult Acute Lymphoblastic Leukemia: A United States Population-Level Analysis.** *Journal of adolescent and young adult oncology*  
Muffly, L., Li, Q., Alvarez, E., Kahn, J., Winestone, L., Cress, R., Penn, D. C., Keegan, T. H.  
2019
- **Patterns of care and outcomes in adolescent and young adult acute lymphoblastic leukemia: a population-based study** *BLOOD ADVANCES*  
Muffly, L., Alvarez, E., Lichtensztajn, D., Abrahao, R., Gomez, S., Keegan, T.  
2018; 2 (8): 895-903
- **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
- **Allogeneic hematopoietic cell transplantation (alloHCT) for patients over 65 years old is not associated with worse symptoms/function than younger patients - a Center for International Blood and Marrow Transplant Research (CIBMTR) study**  
Shaw, B., Brazauskas, R., Burns, L. J., Mattila, D., Musseter, A., Chen, M., Vasu, S., Pidala, J., Muffly, L., Uberti, J., Tamari, R., Tamari, R., Leckrone, et al  
SPRINGER.2020: S29
- **Outcomes with Autologous or Allogeneic Stem Cell Transplantation in Patients with Plasma Cell Leukemia in the Era of Novel Agents.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*  
Lemieux, C., Johnston, L. J., Lowsky, R., Muffly, L. S., Craig, J. K., Shiraz, P., Rezvani, A., Frank, M. J., Weng, W., Meyer, E., Shizuru, J., Arai, S., Negrin, et al  
2020
- **How I Approach the Patient Who Has MRD or Relapse After Transplant** *CLINICAL LYMPHOMA MYELOMA & LEUKEMIA*  
Muffly, L.  
2020; 20: S32-S33
- **Late Effects in Survivors of Adolescent and Young Adult Acute Lymphoblastic Leukemia.** *JNCI cancer spectrum*  
Muffly, L., Maguire, F. B., Li, Q., Kennedy, V., Keegan, T. H.  
2020; 4 (4): pkaa025
- **Philadelphia chromosome positive acute lymphoblastic leukemia in adults: Therapeutic options and dilemmas in 2020.** *Seminars in hematology*  
Muffly, L., Kebriaei, P.

2020; 57 (3): 137–41

- **Hematopoietic Cell Transplantation for Philadelphia Chromosome Negative Adult Acute Lymphoblastic Leukemia in the Modern Era of Immune Therapy.** *Current hematologic malignancy reports*  
Yurkiewicz, I., Craig, J., Muffly, L.  
2020
- **Access to specialized care and outcomes in adults with acute leukemias** *BLOOD ADVANCES*  
Muffly, L., Bhatt, V. R.  
2020; 4 (7): 1538
- **Access to specialized care and outcomes in adults with acute leukemias.** *Blood advances*  
Muffly, L., Bhatt, V. R.  
2020; 4 (7): 1538
- **Late effects after ablative allogeneic stem cell transplantation for adolescent and young adult acute myeloid leukemia.** *Blood advances*  
Lee, C. J., Kim, S., Tecca, H. R., Bo-Subait, S., Phelan, R., Brazauskas, R., Buchbinder, D., Hamilton, B. K., Battiwalla, M., Majhail, N. S., Lazarus, H. M., Shaw, P. J., Marks, et al  
2020; 4 (6): 983–92
- **The Current Genomic and Molecular Landscape of Philadelphia-like Acute Lymphoblastic Leukemia.** *International journal of molecular sciences*  
Shiraz, P., Payne, K. J., Muffly, L.  
2020; 21 (6)
- **Allogeneic Hematopoietic Cell Transplantation for Adult Acute Lymphoblastic Leukemia: Significant Increase in Survival in the Post-Targeted Immunotherapy Era**  
Muffly, L., Arai, S., Johnston, L., Lowsky, R., Meyer, E. H., Miklos, D. B., Negrin, R. S., Rezvani, A., Shiraz, P., Shizuru, J. A., Sidana, S., Weng, W., Cunanan, et al  
ELSEVIER SCIENCE INC.2020: S106
- **Feasibility of Centralized Electronic Patient-Reported Outcome (ePRO) Collection By an Outcome Registry, a CIBMTR Study of Patients on the Centers for Medicaid & Medicare Coverage with Evidence Development (CMS CED) Myelodysplasia Protocol**  
Shaw, B. E., Burns, L. J., Mattila, D., Mussetter, A., Chen, M., Vasu, S., Pidala, J. A., Muffly, L., Uberti, J., Tamari, R., Leckrone, E., Myers, J., Brazauskas, et al  
ELSEVIER SCIENCE INC.2020: S66
- **Prospective Randomized Study of Advance Directives in Allogeneic Hematopoietic Cell Transplant Recipients**  
Muffly, L., Ramirez, Y., Burnash, S., Bisetti, E., Rezvani, A., Sundaram, V.  
ELSEVIER SCIENCE INC.2020: S199
- **Transplant Physicians' Attitudes on Candidacy for Allogeneic Hematopoietic Cell Transplantation (HCT) in Older Patients: The Need for a Standardized Geriatric Assessment (GA) Tool**  
Mishra, A., Preussler, J. M., Al-Mansour, Z., Bachanova, V., Bhatt, V., Bredeson, C., Chhabra, S., D'Souza, A., Dahi, P. B., DeFilipp, Z., Gowda, L., Hacker, E., Hashmi, et al  
ELSEVIER SCIENCE INC.2020: S45–S46
- **Hepatic veno-occlusive disease in allogeneic stem cell transplant recipients with prior exposure to gemtuzumab ozogamicin or inotuzumab ozogamicin.** *Leukemia & lymphoma*  
Ladha, A., Mannis, G., Muffly, L.  
2020: 1–7
- **Calcineurin-inhibitor induced pain syndrome after stem cell transplant.** *Leukemia & lymphoma*  
Varma, A., Loya, J., Junaid Hussain, M., Don Yun, H., Gobbi, E. K., Reimer, A., Nathan, S., Ustun, C., Muffly, L.  
2020: 1–4
- **Philadelphia Chromosome-Negative B-Cell Acute Lymphoblastic Leukemia in Adolescents and Young Adults.** *JCO oncology practice*  
Wang, A. Y., Muffly, L. S., Stock, W.  
2020: JOP1900197
- **How I Approach the Patient Who Has MRD or Relapse After Transplant.** *Clinical lymphoma, myeloma & leukemia*  
Muffly, L.  
2020; 20 Suppl 1: S32–S33

- **Nonmyeloablative allogeneic transplantation achieves clinical and molecular remission in cutaneous T-cell lymphoma.** *Blood advances*  
Weng, W. K., Arai, S., Rezvani, A., Johnston, L., Lowsky, R., Miklos, D., Shizuru, J., Muffly, L., Meyer, E., Negrin, R. S., Wang, E., Almazan, T., Million, et al  
2020; 4 (18): 4474–82
- **Outcomes with autologous stem cell transplant vs. non-transplant therapy in patients 70 years and older with multiple myeloma.** *Bone marrow transplantation*  
Lemieux, C., Muffly, L. S., Rezvani, A., Lowsky, R., Iberri, D. J., Craig, J. K., Frank, M. J., Johnston, L. J., Liedtke, M., Negrin, R., Weng, W. K., Meyer, E., Shizuru, et al  
2020
- **Treatment Complications and Survival Among Children and Young Adults With Acute Lymphoblastic Leukemia.** *JCO oncology practice*  
Alvarez, E. M., Malogolowkin, M., Hoch, J. S., Li, Q., Brunson, A., Pollock, B. H., Muffly, L., Wun, T., Keegan, T. H.  
2020: JOP1900572
- **Pediatric-inspired protocols in adult acute lymphoblastic leukemia: are the results bearing fruit?**  
Muffly, L., Curran, E.  
AMER SOC HEMATOLOGY.2019: 17–23
- **Central Nervous System Relapse in Adolescents and Young Adults with Acute Lymphoblastic Lymphoma Treated with Total Body Irradiation and Hematopoietic Stem Cell Transplantation**  
Kozak, M., Yoo, C., Muffly, L., Hiniker, S. M.  
ELSEVIER SCIENCE INC.2019: E472
- **Comparison of high doses of total body irradiation in myeloablative conditioning prior to hematopoietic cell transplantation.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*  
Sabloff, M., Chhabra, S., Wang, T., Fretham, C., Kekre, N., Abraham, A., Adekola, K., Auletta, J. J., Barker, C., Beitinjaneh, A. M., Bredeson, C., Cahn, J., Diaz, et al  
2019
- **Healthcare Utilization is High in Adult Patients Relapsing after Allogeneic Hematopoietic Cell Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*  
Langston, J. A., Sundaram, V., Periyakoil, V. S., Muffly, L.  
2019; 25 (8): 1659–65
- **Hematopoietic Cell Transplantation in Young Adult Acute Lymphoblastic Leukemia: A United States Population-Level Analysis** *JOURNAL OF ADOLESCENT AND YOUNG ADULT ONCOLOGY*  
Muffly, L., Li, Q., Alvarez, E., Kahn, J., Winestone, L., Cress, R., Penn, D. C., Keegan, T. M.  
2019; 8 (3): 254–61
- **Acute leukemia in a patient with 15q overgrowth syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*  
Bodle, E. E., Gupta, R., Cherry, A. M., Muffly, L., Manning, M. A.  
2019; 179 (6): 1025–29
- **Cost-effectiveness of chimeric antigen receptor T-cell therapy in multiply relapsed or refractory adult large B-cell lymphoma.**  
Lin, J., Muffly, L. S., Spinner, M., Barnes, J. I., Owens, D. K., Goldhaber-Fiebert, J. D.  
AMER SOC CLINICAL ONCOLOGY.2019
- **Delays in diagnosis in young patients with leukemia and lymphoma.**  
Winestone, L., McPheeters, J., Puccetti, D., Wilkes, J., Muffly, L. S., Kahn, J., Henk, H. J., Ginsberg, J. P., Keegan, T., Pollock, B. H., Alvarez, E.  
AMER SOC CLINICAL ONCOLOGY.2019
- **Transplantation of donor grafts with defined ratio of conventional and regulatory T cells in HLA-matched recipients** *JCI INSIGHT*  
Meyer, E. H., Laport, G., Xie, B. J., MacDonald, K., Heydari, K., Sahaf, B., Tang, S., Baker, J., Armstrong, R., Tate, K., Tadisco, C., Arai, S., Johnston, et al  
2019; 4 (10)
- **EEG Findings in Chimeric Antigen Receptor T-Cell (CAR-T) Related Encephalopathy Syndrome**  
Satyanarayan, S., Markert, M., Hovsepian, D., Post, D., Muffly, L., Miklos, D., Thomas, R., Scott, B.  
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Health Care Utilization is High in Adult Patients Relapsing After Allogeneic Hematopoietic Cell Transplantation.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*

- Langston, J. A., Sundaram, V., Periyakoil, V. S., Muffly, L.  
2019
- **Acute leukemia in a patient with 15q overgrowth syndrome.** *American journal of medical genetics. Part A*  
Bodle, E. E., Gupta, R., Cherry, A. M., Muffly, L., Manning, M. A.  
2019
  - **Decreased Early Mortality in Young Adult Patients With Acute Lymphoblastic Leukemia Treated at Specialized Cancer Centers in California.** *Journal of oncology practice*  
Alvarez, E. M., Malogolowkin, M., Li, Q., Brunson, A., Pollock, B. H., Muffly, L., Wun, T., Keegan, T. H.  
2019: JOP1800264
  - **Does Treatment Setting Matter? Evaluating Resource Utilization for Adolescents Treated in Pediatric vs Adult Cancer Institutions.** *Journal of the National Cancer Institute*  
Parsons, H. M., Muffly, L., Alvarez, E. M., Keegan, T. H.  
2019; 111 (3): 224–25
  - **Health Care Utilization and Intensity at End of Life is High Amongst Adults Who Relapse Following Allogeneic Hematopoietic Cell Transplantation**  
Langston, J., Sundaram, V., Periyakoil, V., Muffly, L.  
ELSEVIER SCIENCE INC.2019: 506
  - **Assessment of Older Adult Candidates for Allogeneic Hematopoietic Cell Transplantation: Updates and Remaining Questions.** *Expert review of hematology*  
Kennedy, V. E., Muffly, L. S.  
2019
  - **Cost Effectiveness of Chimeric Antigen Receptor T-Cell Therapy in Multiply Relapsed or Refractory Adult Large B-Cell Lymphoma.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Lin, J. K., Muffly, L. S., Spinner, M. A., Barnes, J. I., Owens, D. K., Goldhaber-Fiebert, J. D.  
2019: JCO1802079
  - **Pediatric-inspired protocols in adult acute lymphoblastic leukemia: are the results bearing fruit?** *Hematology. American Society of Hematology. Education Program*  
Muffly, L., Curran, E.  
2019; 2019 (1): 17–23
  - **Impact of cytogenetic abnormalities on outcomes of adult Philadelphia-negative acute lymphoblastic leukemia after allogeneic hematopoietic stem cell transplantation: a study by the Acute Leukemia Working Committee of the Center for International Blood and Marrow Transplant Research.** *Haematologica*  
Lazaryan, A., Dolan, M., Zhang, M. J., Wang, H. L., Kharfan-Dabaja, M. A., Marks, D. I., Bejanyan, N., Copelan, E., Maijhail, N., Waller, E. K., Chao, N., Prestidge, T., Nishihori, et al  
2019
  - **Nonmyeloablative TLI-ATG conditioning for allogeneic transplantation: mature follow-up from a large single-center cohort.** *Blood advances*  
Spinner, M. A., Kennedy, V. E., Tamaresis, J. S., Lavori, P. W., Arai, S., Johnston, L. J., Meyer, E. H., Miklos, D. B., Muffly, L. S., Negrin, R. S., Rezvani, A. R., Shizuru, J. A., Weng, et al  
2019; 3 (16): 2454–64
  - **Central Nervous System Relapse After Stem Cell Transplantation in Adolescents and Young Adults with Acute Lymphoblastic Leukemia: A Single-Institution Experience.** *Journal of adolescent and young adult oncology*  
Kozak, M. M., Yoo, C. H., Gutkin, P. M., von Eyben, R., Agarwal, R., Donaldson, S. S., Muffly, L., Hiniker, S. M.  
2019
  - **Cost Effectiveness of Chimeric Antigen Receptor T-Cell Therapy in Multiply Relapsed or Refractory Adult Large B-Cell Lymphoma** *Journal of Clinical Oncology*  
Lin, J. K., Muffly, L. S., Spinner, M. A., Barnes, J. I., Owens, D. K., Goldhaber-Fiebert, J. D.  
2019
  - **Transplantation of donor grafts with defined ratio of conventional and regulatory T cells in HLA-matched recipients.** *JCI insight*  
Meyer, E. H., Laport, G., Xie, B. J., MacDonald, K., Heydari, K., Sahaf, B., Tang, S. W., Baker, J., Armstrong, R., Tate, K., Tadisco, C., Arai, S., Johnston, et al  
2019; 4 (10)

- **Transplant for Acute Myeloid Leukemia in Patients Seventy Years and Older: Optimism and Opportunity.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*  
Muffly, L.  
2019
- **Nonmyeloablative Allogeneic Transplantation Using TLI-ATG Conditioning for Lymphoid and Myeloid Malignancies: Mature Follow-up from a Large, Single Institution Cohort**  
Spinner, M. A., Kennedy, V. E., Tamaresis, J. S., Lavori, P. W., Elder, L. V., Arai, S., Johnston, L. J., Meyer, E. H., Miklos, D. B., Muffly, L. S., Negrin, R. S., Rezvani, A. R., Shizuru, et al  
AMER SOC HEMATOLOGY.2018
- **Impact of Myeloablative Total Body Irradiation Versus Chemotherapy on Late Effects and Survival Among Adolescent and Young Adult Survivors of Hematopoietic Cell Transplantation for Acute Leukemia: A Center for International Blood and Marrow Transplant Research (CIBMTR) Analysis**  
Lee, C. J., Kim, S., Tecca, H. R., Brazauskas, R., Battiwalla, M., Buchbinder, D. K., Flowers, M. D., Phelan, R., Shaw, B. E., Muffly, L. S.  
AMER SOC HEMATOLOGY.2018
- **Medical Conditions Among Survivors of Adolescent and Young Adult Non-Hodgkin Lymphoma (NHL), Acute Lymphoblastic Leukemia (ALL) and Acute Myeloid Leukemia (AML)**  
Keegan, T. M., Muffly, L. S., Li, Q., Alvarez, E., Brunson, A. M., Malogolowkin, M., Wun, T.  
AMER SOC HEMATOLOGY.2018
- **1 Study of CD19/CD22 Bispecific Chimeric Antigen Receptor (CAR) Therapy in Children and Young Adults with B Cell Acute Lymphoblastic Leukemia (ALL)**  
Schultz, L. M., Davis, K. L., Baggott, C., Chaudry, C., Marcy, A., Mavroukakis, S., Sahaf, B., Kong, K. A., Muffly, L. S., Kim, S., Meyer, E. H., Fry, T. J., Qin, et al  
AMER SOC HEMATOLOGY.2018
- **Phase I Experience with a Bi-Specific CAR Targeting CD19 and CD22 in Adults with B-Cell Malignancies**  
Hossain, N., Sahaf, B., Abramian, M., Spiegel, J. Y., Kong, K., Kim, S., Mavroukakis, S., Oak, J., Natkunam, Y., Meyer, E. H., Frank, M. J., Feldman, S. A., Long, et al  
AMER SOC HEMATOLOGY.2018
- **Elevated Axicabtagene Ciloleucel (CAR-19) Expansion By Immunophenotyping Is Associated with Toxicity in Diffuse Large B-Cell Lymphoma**  
Spiegel, J. Y., Sahaf, B., Hossain, N., Frank, M. J., Claire, G., Abramian, M., Latchford, T., Villa, B., Cancilla, J., Oak, J., Natkunam, Y., Long, S. R., Arai, et al  
AMER SOC HEMATOLOGY.2018
- **Health Care Utilization Is High Amongst Adults Who Relapse Following Allogeneic Hematopoietic Cell Transplantation**  
Langston, J., Sundaram, V., Periyakoil, V., Muffly, L. S.  
AMER SOC HEMATOLOGY.2018
- **Disparities in Cancer-Related Mortality and Long-Term Survival in Adolescent and Young Adults with Hodgkin Lymphoma: A Population-Level Analysis across the United States**  
Kahn, J. M., Keegan, T. M., Alvarez, E., Muffly, L. S., Parsons, H., Winestone, L. E., Bleyer, A.  
AMER SOC HEMATOLOGY.2018
- **Hematopoietic Cell Transplantation in First Remission Amongst Adolescent and Young Adult Acute Lymphoblastic Leukemia: A Population-Level Analysis across the United States**  
Muffly, L. S., Li, Q., Alvarez, E., Kahn, J. M., Winestone, L. E., Cress, R., Penn, D., Keegan, T. M.  
AMER SOC HEMATOLOGY.2018
- **Care at specialized cancer centers among young adults with acute lymphoblastic leukemia in California.** *Leukemia & lymphoma*  
Alvarez, E., Muffly, L., Li, Q., Brunson, A., Wun, T., Chamberlain, L., Keegan, T.  
2018; 59 (10): 2482–84
- **Treatment of young adults with Philadelphia-negative acute lymphoblastic leukemia and lymphoblastic lymphoma: Hyper-CVAD vs. pediatric-inspired regimens** *AMERICAN JOURNAL OF HEMATOLOGY*  
Siegel, S. E., Advani, A., Seibel, N., Muffly, L., Stock, W., Luger, S., Shah, B., DeAngelo, D. J., Freyer, D. R., Douer, D., Johnson, R. H., Hayes-Lattin, B., Lewis, et al  
2018; 93 (10): 1254–66
- **A Three-Step Letter Advance Directive Procedure to Facilitate Patient-Proxy Alignment in Advance Care Planning** *JOURNAL OF PALLIATIVE MEDICINE*



Alagappan, M., Richardson, M. T., Schoen, M. K., Muffly, L., Tierney, K., Jenkins, P., Neri, E., Kraemer, H. C., Periyakoil, V. S.  
2018

- **End-of-Life Care Intensity in Patients Undergoing Allogeneic Hematopoietic Cell Transplantation: A Population-Level Analysis.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Johnston, E. E., Muffly, L., Alvarez, E., Saynina, O., Sanders, L. M., Bhatia, S., Chamberlain, L. J.  
2018: JCO2018780957
- **Detection of Measurable Residual Disease by Next-Generation Sequencing in Paired Blood and Bone Marrow Samples from Patients with Lymphoid Malignancies**  
Miklos, D., Muffly, L., Lee, L., Crossley, B.  
CIG MEDIA GROUP, LP.2018: S295–S296
- **Minimal Residual Disease Monitoring of Acute Lymphoblastic Leukemia by High-Throughput Sequencing of the Peripheral Blood: Case Examples and Literature Review**  
Muffly, L.  
CIG MEDIA GROUP, LP.2018: S53–S55
- **Circulating tumor DNA assessment in patients with diffuse large B-cell lymphoma following CAR T-cell therapy.** *Leukemia & lymphoma*  
Hossain, N. M., Dahiya, S., Le, R., Abramian, A. M., Kong, K. A., Muffly, L. S., Miklos, D. B.  
2018: 1–4
- **Pediatric-Inspired Treatment Regimens for Adolescents and Young Adults With Philadelphia Chromosome-Negative Acute Lymphoblastic Leukemia A Review** *JAMA ONCOLOGY*  
Siegel, S. E., Stock, W., Johnson, R. H., Advani, A., Muffly, L., Douer, D., Reed, D., Lewis, M., Freyer, D. R., Shah, B., Luger, S., Hayes-Lattin, B., Jaboin, et al  
2018; 4 (5): 725–34
- **Decreased Early Mortality Associated With the Treatment of Acute Myeloid Leukemia at National Cancer Institute-Designated Cancer Centers in California** *CANCER*  
Ho, G., Wun, T., Muffly, L., Li, Q., Brunson, A., Rosenberg, A. S., Jonas, B. A., Keegan, T. M.  
2018; 124 (9): 1938–45
- **Another reason to encourage psychosocial risk assessment in hematopoietic cell transplantation.** *Bone marrow transplantation*  
Muffly, L., Artz, A.  
2018
- **Infusion of donor-derived CD8(+) memory T cells for relapse following allogeneic hematopoietic cell transplantation** *BLOOD ADVANCES*  
Muffly, L., Sheehan, K., Armstrong, R., Jensen, K., Tate, K., Rezvani, A. R., Miklos, D., Arai, S., Shizuru, J., Johnston, L., Meyer, E., Weng, W., Laport, et al  
2018; 2 (6): 681–90
- **Phase I/II Trial for Patients with Advanced Hematologic Malignancies Undergoing Myeloablative Allogeneic HCT with a T Cell Depleted Graft with Infusion of Conventional T Cells and Regulatory T Cells**  
Meyer, E., Laport, G. G., Tantsura, I., Tang, S., Sahaf, B., Rangarajan, K., Armstrong, R., Tate, K., Tudisco, C., Sheehan, K., Arai, S., Johnston, L., Muffly, et al  
ELSEVIER SCIENCE INC.2018: S145
- **Management of Acute Lymphoblastic Leukemia in Young Adults** *CLINICAL ADVANCES IN HEMATOLOGY & ONCOLOGY*  
Muffly, L., Reizine, N., Stock, W.  
2018; 16 (2): 138–46
- **Advance Directive Utilization is Associated with Less Aggressive End-of-Life Care in Patients Undergoing Allogeneic Hematopoietic Cell Transplantation.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*  
Cappell, K., Sundaram, V., Park, A., Shiraz, P., Gupta, R., Jenkins, P., Periyakoil, V. S., Muffly, L.  
2018
- **Inotuzumab ozogamicin: a CD22 mAb-drug conjugate for adult relapsed or refractory B-cell precursor acute lymphoblastic leukemia** *DRUG DESIGN DEVELOPMENT AND THERAPY*  
Yurkiewicz, I. R., Muffly, L., Liedtke, M.  
2018; 12: 2293–2300
- **Allogeneic transplantation using TLI-ATG conditioning for Hodgkin lymphoma after failure of autologous transplantation.** *Blood advances*  
Spinner, M. A., Advani, R. H., Hoppe, R. T., Lowsky, R., Muffly, L. S.



2018; 2 (13): 1547–50

- **Validation of the Hematopoietic Cell Transplantation-Specific Comorbidity Index in Nonmyeloablative Allogeneic Stem Cell Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*  
Veeraputhiran, M., Yang, L., Sundaram, V., Arai, S., Lowsky, R., Miklos, D., Meyer, E., Muffly, L., Negrin, R., Rezvani, A., Shizuru, J., Weng, W., Johnston, et al  
2017; 23 (10): 1744–48
- **Increasing use of allogeneic hematopoietic cell transplantation in patients aged 70 years and older in the United States** *BLOOD*  
Muffly, L., Pasquini, M. C., Martens, M., Brazauskas, R., Zhu, X., Adekola, K., Aljurf, M., Ballen, K. K., Bajel, A., Baron, F., Battiwalla, M., Beitinjaneh, A., Cahn, et al  
2017; 130 (9): 1156–64
- **Coordination of Care in Survivorship After Treatment of Hematological Malignancies-The Journey is Not Over Yet.** *Current hematologic malignancy reports*  
Lee, C. J., Muffly, L. S.  
2017
- **Pharmacologic maintenance strategies following allogeneic hematopoietic cell transplantation for acute myeloid leukemia.** *Leukemia & lymphoma*  
Lee, C. J., Shiraz, P., Muffly, L.  
2017; 58 (3): 516-527
- **My Patient, the Superhero.** *Journal of clinical oncology*  
Muffly, L.  
2017: JCO2016696005-?
- **Pharmacologic maintenance strategies following allogeneic hematopoietic cell transplantation for acute myeloid leukemia.** *Leuk Lymphoma*  
CJ, L., P, S., L, M.  
2017; 58 (3): 516-527
- **HLA-mismatched unrelated donor transplantation using TLI-ATG conditioning has a low risk of GVHD and potent antitumor activity.** *Blood advances*  
Spinner, M. A., Fernández-Viña, M., Creary, L. E., Quinn, O., Elder, L., Arai, S., Johnston, L. J., Meyer, E. H., Miklos, D. B., Muffly, L. S., Negrin, R. S., Shizuru, J. A., Weng, et al  
2017; 1 (17): 1347–57
- **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., Abrahão, R., McNeer, J., Stock, W., Keegan, T., Gomez, S. L.  
2016
- **Psychological morbidities in adolescent and young adult blood cancer patients during curative-intent therapy and early survivorship.** *Cancer*  
Muffly, L. S., Hlubocky, F. J., Khan, N., Wroblewski, K., Breitenbach, K., Gomez, J., McNeer, J. L., Stock, W., Daugherty, C. K.  
2016; 122 (6): 954-961
- **The overlooked COST of multiple myeloma.** *The Lancet. Haematology*  
de Souza, J. A., Muffly, L.  
2015; 2 (10): e394-5
- **Secondary solid cancer screening following hematopoietic cell transplantation.** *Bone marrow transplantation*  
INAMOTO, Y., Shah, N. N., Savani, B. N., Shaw, B. E., Abraham, A. A., Ahmed, I. A., Akpek, G., Atsuta, Y., Baker, K. S., Basak, G. W., Bitan, M., DeFilipp, Z., GREGORY, et al  
2015; 50 (8): 1013-1023
- **Patient Selection for Allogeneic Hematopoietic Cell Transplantation (HCT): the Evolution of HCT Risk Assessment.** *Current hematologic malignancy reports*  
Muffly, L.  
2015; 10 (1): 28-34
- **Geriatric assessment to predict survival in older allogeneic hematopoietic cell transplantation recipients** *HAEMATOLOGICA*  
Muffly, L. S., Kocherginsky, M., Stock, W., Chu, Q., Bishop, M. R., Godley, L. A., Kline, J., Liu, H., Odenike, O. M., Larson, R. A., Van Besien, K., Artz, A. S.  
2014; 99 (8): 1373-1379

- **Pilot Study of Comprehensive Geriatric Assessment (CGA) in Allogeneic Transplant: CGA Captures a High Prevalence of Vulnerabilities in Older Transplant Recipients** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*

Muffly, L. S., Boulukos, M., Swanson, K., Kocherginsky, M., del Cerro, P., Schroeder, L., Pape, L., Extermann, M., Van Besien, K., Artz, A. S.  
2013; 19 (3): 429-434

- **Microwave imaging for neoadjuvant chemotherapy monitoring: initial clinical experience** *BREAST CANCER RESEARCH*

Meaney, P. M., Kaufman, P. A., Muffly, L. S., Click, M., Poplack, S. P., Wells, W. A., Schwartz, G. N., di Florio-Alexander, R. M., Tosteson, T. D., Li, Z., Geimer, S. D., Fanning, M. W., Zhou, et al  
2013; 15 (2)