Stanford



Robert Lowsky

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

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICE (PRIMARY)

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2nd floor Infusion Treatment Area

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Bio

BIO

Dr. Lowsky has been an academic clinician and medical researcher in hematopoietic cell transplantation for 20 years and has broad experience and expertise in the field. He has designed, written, implemented and participated in single and multi-center federally-funded clinical trials; and has served on the Stanford IRB and SRC for cancer-oriented clinical trials for over 10 years.

CLINICAL FOCUS

- Cancer > Blood and Marrow Transplant
- Cancer > Hematology
- Blood and Marrow Transplantation
- Hematology

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Director, Apheresis Unit, Blood and Marrow Transplantation, Stanford University, (2005- present)
- Director, BMT Fellowship Program, Blood and Marrow Transplantation, Stanford University, (2002- present)

PROFESSIONAL EDUCATION

- Fellowship: Toronto General Hospital Postgraduate Education (1993) Canada
- Residency: Toronto General Hospital Postgraduate Education (1991) Canada
- Internship: Toronto General Hospital Postgraduate Education (1989) Canada
- Medical Education: McGill University Faculty of Medicine (1988) Canada
- Board Certification: Hematology, Royal College of Physicians and Surgeons (1993)
- Board Certification: Internal Medicine, Royal College of Physicians and Surgeons (1992)

- FRCP, Coll of Physicians/Surgs Canada , Hematology (1993)
- FRCP, Coll of Physicians/Surgs Canada , Internal Medicine (1991)
- MD, McGill University , Medicine (1988)

LINKS

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

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Lowsky's research is focused on understanding the role of regulatory T cells in the prevention of GVHD and in promoting immune tolerance following organ transplantation.

CLINICAL TRIALS

- A Phase 1 Study of Orca-Q in Recipients Undergoing Allogeneic Transplantation for Hematologic Malignancies, Recruiting
- Delayed Blood Stem Transplantation in HLA Matched Kidney Transplant Recipients to Eliminate Immunosuppressive Drugs., Recruiting
- Gene Correction in Autologous CD34+ Hematopoietic Stem Cells (HbS to HbA) to Treat Severe Sickle Cell Disease, 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
- Allo BMT in Advanced Leukemia or High Grade Lymphoma, Not Recruiting
- Allo vs Hypomethylating/Best Supportive Care in MDS (BMTCTN1102), Not Recruiting
- Allogeneic HCT Using Nonmyeloablative Host Conditioning With TLI & ATG vs SOC in AML, Not Recruiting
- Allogeneic Transplantation From Related Haploidentical Donors, Not Recruiting
- Allogeneic Transplantation Using Total Lymphoid Irradiation (TLI) and Anti-Thymocyte Globulin (ATG) for Older Patients With Hematologic Malignancies, Not Recruiting
- Axicabtagene Ciloleucel Expanded Access Study, Not Recruiting
- Blood Stem Cell Transplant With Low Dose Chemotherapy for Relapsed Follicular Non-Hodgkin's Lymphoma (BMT CTN 0701), Not Recruiting
- Calcineurin Inhibitor-Free Interventions BMT CTN 1301 for Prevention of Graft-versus-Host Disease (BMT CTN 1301), Not Recruiting
- CD34 Selected Allogeneic HCT w/ Myeloablative Conditioning Plus CD8+ Memory TCell Infusion in MDS, AL and CML, 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
- Donor Atorvastatin Treatment for Preventing Severe Acute Graft-Versus-Host Disease in Patients Undergoing Myeloablative Peripheral Blood Stem Cell Transplantation, Not Recruiting
- Donor Peripheral Stem Cell Transplant in Treating Patients With Hematolymphoid Malignancies, Not Recruiting
- Donor Regulatory T Cells in Treating Patients With Visceral Acute Graft-versus-Host Disease After Stem Cell Transplant, 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
- 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
- Immunostimulatory CpG SD-101 + RT in Recurrent/Progressive Lymphoma After Allogeneic Hematopoietic Cell Transplantation (HCT), Not Recruiting
- Inducing Graft Tolerance in HLA Haplotype Matched Related and 3 Ag Matched Unrelated Living Donor Kidney Transplantation, Not Recruiting

- MAGE A10c###T for Advanced NSCLC, Not Recruiting
- Mixed Chimera Allogeneic Transplantation From Matched Unrelated Donors 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
- Perinatal Arterial Stroke: A Multi-site RCT of Intensive Infant Rehabilitation (I-ACQUIRE), 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
- 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
- Total Body Irradiation +/- Total Lymphoid Irradiation & Anti-Thymocyte Globulin in Non-myeloablative Hematopoietic Cell Transplantation, Not Recruiting
- Transplantation for Patients With Chronic Lymphocytic Leukemia, Not Recruiting
- Bone Marrow Grafting for Leukemia and Lymphoma, Not Specified

Publications

PUBLICATIONS

- **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)
- **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
- **CD22 CAR T cells demonstrate high response rates and safety in pediatric and adult B-ALL: Phase 1b results.** *Leukemia*
  Schultz, L. M., Jeyakumar, N., Kramer, A. M., Sahaf, B., Srinagesh, H., Shiraz, P., Agarwal, N., Hamilton, M., Erickson, C., Jacobs, A., Moon, J., Baggott, C., Arai, et al
  2024
- **Development of immunosuppressive myeloid cells to induce tolerance in solid organ and hematopoietic cell transplant recipients.** *Blood advances*
  Jensen, K. P., Hongo, D., Ji, X., Zheng, P., Pawar, R. D., Wu, H., Busque, S., Scandling, J. D., Shizuru, J. A., Lowsky, R., Shori, A., Dutt, S., Waters, et al
  2021
- **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
- **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

- **Inferior Clinical Outcomes in Recipients of Cryopreserved Grafts Following Reduced Intensity Allogeneic Hematopoietic Cell Transplantation: A Single Center Report**

  Bankova, A., Caveney, J., Ramos, T., Bogeholz, J., Heydari, K., Diaz, N., Jackson, M., Lowsky, R., Brown, J., Johnston, L., Rezvani, A., Frank, M., Muffly, et al

  SPRINGERNATURE.2021: 181

- **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

- **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): 143-155

- **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

- **Allogeneic transplantation after PD-1 blockade for classic Hodgkin lymphoma.** *Leukemia*

  Merryman, R. W., Castagna, L. n., Giordano, L. n., Ho, V. T., Corradini, P. n., Guidetti, A. n., Casadei, B. n., Bond, D. A., Jaglowski, S. n., Spinner, M. A., Arai, S. n., Lowsky, R. n., Shah, et al

  2021

- **Incidence and Risk Factors Associated with Bleeding and Thrombosis Following Chimeric Antigen Receptor T Cell Therapy.** *Blood advances*

  Johnsrud, A. J., Craig, J., Baird, J. H., Spiegel, J. Y., Muffly, L., Zehnder, J. L., Tamaresis, J. S., Negrin, R. S., Johnston, L., Arai, S., Shizuru, J. A., Lowsky, R., Meyer, et al

  2021

- **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

- **Autologous stem cell transplantation versus no transplant in patients above 70 with multiple myeloma.**

  Lemieux, C., Muffly, L. S., Iberri, D., Rezvani, A., Lowsky, R., Frank, M., Craig, J. K., Liedtke, M., Negrin, R., Weng, W., Meyer, E., Johnston, L. J., Shizuru, et al

  LIPPINCOTT WILLIAMS & WILKINS.2020

- **Impact of proteasome inhibitor vs. IMiD maintenance therapy on outcomes of patients with high-risk multiple myeloma (HRMM).**

Tam, E., Iberri, D., Liedtke, M., Muffly, L. S., Shiraz, P., Frank, M., Lowsky, R., Rezvani, A., Negrin, R., Meyer, E., Arai, S., Johnston, L. J., Shizuru, et al

LIPPINCOTT WILLIAMS & WILKINS.2020

- **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

- **Mixed chimerism and acceptance of kidney transplants after immunosuppressive drug withdrawal.** *Science translational medicine*

  Busque, S. n., Scandling, J. D., Lowsky, R. n., Shizuru, J. n., Jensen, K. n., Waters, J. n., Wu, H. H., Sheehan, K. n., Shori, A. n., Choi, O. n., Pham, T. n., Fernandez Vina, M. A., Hoppe, et al

  2020; 12 (528)

- **CD22-Directed CAR T-Cell Therapy Induces Complete Remissions in CD19-Directed CAR-Refractory Large B-Cell Lymphoma.** *Blood*

  Baird, J. H., Frank, M. J., Craig, J. n., Patel, S. n., Spiegel, J. Y., Sahaf, B. n., Oak, J. S., Younes, S. n., Ozawa, M. n., Yang, E. n., Natkunam, Y. n., Tamaresis, J. S., Ehlinger, et al

  2020

- **Nonmyeloablative allogeneic transplantation achieves clinical and molecular remission in cutaneous T-cell lymphoma.** *Blood advances*

  Weng, W. K., Arai, S. n., Rezvani, A. n., Johnston, L. n., Lowsky, R. n., Miklos, D. n., Shizuru, J. n., Muffly, L. n., Meyer, E. n., Negrin, R. S., Wang, E. n., Almazan, T. n., 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. n., Muffly, L. S., Rezvani, A. n., Lowsky, R. n., Iberri, D. J., Craig, J. K., Frank, M. J., Johnston, L. J., Liedtke, M. n., Negrin, R. n., Weng, W. K., Meyer, E. n., Shizuru, et al

  2020

- **Tandem Autologous-Autologous versus Autologous-Allogeneic Hematopoietic Stem Cell Transplantation for Patients with Multiple Myeloma: Long-term Follow-Up Results from the Blood and Marrow Transplant Clinical Trials Network (BMT CTN) 0102 Trial.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*

  Giralt, S., Costa, L. J., Maloney, D., Krishnan, A., Fei, M., Antin, J. H., Brunstein, C., Geller, N., Goodman, S., Hari, P., Logan, B., Lowsky, R., Qazilbash, et al

  2019

- **Combined kidney and hematopoeitic cell transplantation to induce mixed chimerism and tolerance.** *Bone marrow transplantation*

  Lowsky, R., Strober, S.

  2019; 54 (Suppl 2): 793–97

- **Donor-Derived Cytokine-Induced Killer Cell Infusion as Consolidation after Nonmyeloablative Allogeneic Transplantation for Myeloid Neoplasms** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*

  Narayan, R., Benjamin, J. E., Shah, O., Tian, L., Tate, K., Armstrong, R., Xie, B. J., Lowsky, R., Laport, G., Negrin, R. S., Meyer, E. H.

  2019; 25 (7): 1293–1303

- **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)

- **Autologous Hematopoietic Cell Transplantation for Treatment-Refractory Relapsing Multiple Sclerosis: Position Statement from the American Society for Blood and Marrow Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*

  Cohen, J. A., Baldassari, L. E., Atkins, H. L., Bowen, J. D., Bredeson, C., Carpenter, P. A., Corboy, J. R., Freedman, M. S., Griffith, L. M., Lowsky, R., Majhail, N. S., Muraro, P. A., Nash, et al

  2019; 25 (5): 845–54

- **AUTOLOGOUS HEMATOPOIETIC CELL TRANSPLANTATION FOR TREATMENT-REFRACTORY RELAPSING MULTIPLE SCLEROSIS: POSITION STATEMENT FROM THE AMERICAN SOCIETY FOR BLOOD AND MARROW TRANSPLANTATION.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*

Cohen, J. A., Baldassari, L. E., Atkins, H. L., Bowen, J. D., Bredeson, C., Carpenter, P. A., Corboy, J. R., Freedman, M. S., Griffith, L. M., Lowsky, R., Majhail, N. S., Muraro, P. A., Nash, et al

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. n., Xie, B. J., MacDonald, K. n., Heydari, K. n., Sahaf, B. n., Tang, S. W., Baker, J. n., Armstrong, R. n., Tate, K. n., Tadisco, C. n., Arai, S. n., Johnston, et al

  2019; 4 (10)

- **Assessment by Extended-Coverage Next-Generation Sequencing Typing of DPA1 and DPB1 Mismatches in Siblings Matching at HLA-A, -B, -C, -DRB1, and -DQ Loci.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*

  Mariano, L. n., Zhang, B. M., Osoegawa, K. n., Lowsky, R. n., Fernandez-Vina, M. n.

  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. n., 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

- **Donor-derived CIK Cell Infusion as Consolidation after Non-myeloablative Allogeneic Transplant for Myeloid Neoplasms.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*

  Narayan, R. n., Benjamin, J. E., Shah, O. n., Tian, L. n., Tate, K. n., Armstrong, R. n., Xie, B. n., Lowsky, R. n., Laport, G. n., Negrin, R. S., Meyer, E. H.

  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

- **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

- **Relationship Between Mixed Chimerism and Acceptance of HLA-matched and -Mismatched Kidney Transplants after Withdrawal of Immunosuppressive Drugs**

  Busque, S., Scandling, J., Lowsky, R., Shizuru, J., Jensen, K., Shori, A., Hoppe, R., Engleman, E., Meyer, E., Strober, S.

  LIPPINCOTT WILLIAMS & WILKINS.2018: S393

- **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

- **Macrochimerism and clinical transplant tolerance.** *Human immunology*

  Scandling, J. D., Busque, S., Lowsky, R., Shizuru, J., Shori, A., Engleman, E., Jensen, K., Strober, S.

  2018

- **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. n., 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

- **PD-1 blockade for relapsed lymphoma post allogeneic hematopoietic cell transplant: high response rate but frequent GVHD.** *Blood*
  Haverkos, B. M., Abbott, D., Hamadani, M., Armand, P., Flowers, M. E., Merryman, R., Kamdar, M., Kanate, A. S., Saad, A., Mehta, A., Ganguly, S., Fenske, T. S., Hari, et al
  2017

- **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. n., Creary, L. E., Quinn, O. n., Elder, L. n., Arai, S. n., 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

- **Allogeneic Transplants from HLA-Mismatched Unrelated Donors Using Total Lymphoid Irradiation and Antithymocyte Globulin Conditioning Retain a Low Risk of Graft-Versus-Host Disease and Non-Relapse Mortality with at Least As Potent Anti-Tumor Activity As with Matched Unrelated Donors**
  Spinner, M. A., Vina, M., Elder, L., Arai, S., Johnston, L., Meyer, E., Miklos, D., Muffly, L., Negrin, R. S., Shizuru, J., Weng, W., Laport, G. G., Strober, et al
  AMER SOC HEMATOLOGY.2016

- **Phase I Study of CD8 Memory T-Cell Donor Lymphocyte Infusion for Relapse of Hematologic Malignancies Following Matched Related Donor Allogeneic Hematopoietic Cell Transplantation**
  Muffly, L. S., Sheehan, K., Armstrong, R., Tate, K., Tudisco, C., Rezvani, A. R., Miklos, D., Arai, S., Shizuru, J., Johnston, L., Meyer, E., Weng, W., Laport, et al
  AMER SOC HEMATOLOGY.2016

- **The Blood and Marrow Transplant Clinical Trials Network: An Effective Infrastructure for Addressing Important Issues in Hematopoietic Cell Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Alousi, A. M., Anasetti, C., Antin, J. H., Appelbaum, F. R., Bashey, A., Confer, D. L., Devine, S. M., DiFronzo, N., Giralt, S. A., Grupp, S. N., Hari, P. N., Heslop, H. E., Horowitz, et al
  2016; 22 (10): 1747-1757

- **Pregnancy Complicated by Gorham-Stout Disease and Refractory Chylothorax.** *AJP reports*
  Hellyer, J., Oliver-Allen, H., Shafiq, M., Tolani, A., Druzin, M., Jeng, M., Rockson, S., Lowsky, R.
  2016; 6 (4): e355-e358

- **Immunosuppressive myeloid cells in patients given combined kidney and hematopoietic cell transplants in a tolerance protocol with TLI and ATG conditioning**
  Jensen, K., Scandling, J., Busque, S., Shizuru, J., Lowsky, R., Saraswathula, A., Sheehan, K., Shori, A., Engleman, E., Strober, S.
  LIPPINCOTT WILLIAMS & WILKINS.2016: S5

- **Relationship between mixed chimerism and clinical tolerance after combined kidney and hematopoietic cell transplantation using total lymphoid irradiation and antithymocyte globulin conditioning**
  Busque, S., Scandling, J. D., Shizuru, J., Lowsky, R., Shori, A., Jensen, K., Engleman, E., Strober, S.
  LIPPINCOTT WILLIAMS & WILKINS.2016: S245

- **Immune Characterization of Ibrutinib Therapy Following Allohct That Provides GVL Benefit without Gvhd**
  Sahaf, B., Ryan, C. E., Rezvani, A., Nakasone, H., Otani, J., Coutre, S., Lowsky, R., Negrin, R., Miklos, D. B.
  ELSEVIER SCIENCE INC.2016: S412

- **Long-Term Outcomes of AML Patients Using Total Lymphoid Irradiation with Anti-Thymocyte Globulin**
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