Stanford

Hany Elmariah

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

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Hany Elmariah is an Associate Professor in the Division of Blood and Marrow Transplantation and Cellular Therapy at Stanford University. Dr. Elmariah earned his MD and his MS in Biomedical Engineering at the University of Florida. He completed an Internal Medicine Residency at Duke University. Dr. Elmariah then completed a Hematology and Oncology Fellowship at Johns Hopkins University, where he also served as Chief Fellow. He then was a faculty member at the Moffitt Cancer Center before joining the faculty at Stanford University. Dr. Elmariah's clinical focus is allogeneic transplant for myeloid malignancies including acute myeloid leukemia, myelodysplastic syndromes, and myeloproliferative neoplasms. His research is focused on haploidentical and mismatched unrelated donor blood and marrow transplantation and novel cellular therapies for myeloid malignancies.

CLINICAL FOCUS

- Hematology
- Oncology
- Bone Marrow Transplant
- Cellular Therapy
- Leukemia

ACADEMIC APPOINTMENTS

- Associate Prof-Univ Med Line, Medicine - Blood & Marrow Transplantation

PROFESSIONAL EDUCATION

- Board Certification: Medical Oncology, American Board of Internal Medicine (2018)
- Board Certification: Hematology, American Board of Internal Medicine (2018)
- Fellowship: Johns Hopkins Hematology and Medical Oncology Fellowship (2018) MD
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)
- Residency: Duke University Internal Medicine Residency (2014) NC

- Medical Education: University of Florida College of Medicine (2011) FL

Research & Scholarship

CLINICAL TRIALS

- A Phase 1 Study of Orca-Q in Recipients Undergoing Allogeneic Transplantation for Hematologic Malignancies, Recruiting
- Reduced Intensity Allogeneic HCT in Advanced Hematologic Malignancies w/T-Cell Depleted Graft, Not Recruiting

Publications

PUBLICATIONS

- **Expanded antigen-specific donor regulatory T cells for GVHD prevention.** *Blood*
  Pidala, J. A., Cieri, N., Schell, M. J., Song, X., Shao, Y., Cao, B., Du, D., Thapa, R., Betts, B. C., Janssen, W., Cubitt, C., Yoder, S. J., O'Leary, 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

- **Posttransplant MRD monitoring by TP53 duplex sequencing with APR-246 + azacitidine maintenance predicts outcomes.** *Blood advances*
  Sallman, D. A., McLemore, A. F., Komrokji, R., Elmariah, H., Kuykendall, A. T., Bejanyan, N., Chan, O., Faramand, R., Pidala, J., Yoder, S. J., Perez, L., Nishihori, T., Padron, et al
  2026; 10 (4): 1053-1057

- **Differential effects of two common GVHD prophylaxis regimens on the gut microbiome: Results from the BMT CTN 1801 study.** *bioRxiv : the preprint server for biology*
  Wirbel, J., Saber, W., Martens, M. J., Peled, J. U., Andermann, T. M., Fei, T., Brooks, E. F., Doyle, B., Pincus, N. B., Jenq, R. R., Bar, M., Bolaños-Meade, J., Bratrude, et al
  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

- **Effect of GVHD Prophylaxis on Renal Function and Survival Outcomes in Allogeneic Hematopoietic Cell Transplant Patients with Pre-Existing Renal Impairment**
  Amisha, F., Schmitz, J., Vazquez-Martinez, M., Caprice, T., Kim, J., Naqvi, S., Torres, N., Mishra, A., Mirza, A., Perna, F., Perez, L., Ramlal, R., Faramand, 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

- **Patient Characteristics, Toxicity, and Response after Real World Administration of Obecabtagene Autoleucel and Brexucabtagene Autoleucel for Relapsed Acute Lymphoblastic Leukemia: A Rocca Analysis**
  Molina, A., Shiraz, P., Kanegai, A., Fraser, A., Kordek, D., Wagner, C., Danley, L., Ramakrishnan, A., Daghagh, H., Huang, Y., Dhapola, G., Siddiqui, A., Arai, et al
  ELSEVIER SCIENCE INC.2026: S27

- **Baseline IPSS-M vs Pretransplant Risk Downstaging as Prognostic Determinants in MDS Undergoing Allogeneic Transplantation.** *Blood advances*
  Aguirre, L. E., Kim, H. T., Elmariah, H., Frumm, S. M., Kelkar, A. H., Ho, V. T., Gooptu, M., Koreth, J., Shapiro, R. M., Romee, R., Nikiforow, S., Antin, J. H., Soiffer, et al

2026

- **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

- **Post-transplant MRD Monitoring by TP53 Duplex Sequencing with APR-246 + Azacitidine Maintenance Predicts Outcomes.** *Blood advances*
  Sallman, D. A., McLemore, A. F., Komrokji, R. S., Elmariah, H., Kuykendall, A. T., Bejanyan, N., Chan, O., Faramand, R., Pidala, J. A., Yoder, S. J., Perez, L. E., Nishihori, T., Padron, et al
  2025

- **Secondary graft failure after PT-cy: Modeling a candidate risk assignment biomarker based on lymphocyte reconstitution. Results from the BMT CTN 1801 study**
  Omdahl, K., Siegel, S., Dong, J., Dewolf, S., Hebert, K., Neuberg, D., Schichter, I., Albanese, A., Keskula, P., Cagnin, L., Applegate, K., Bar, M., Chhabra, et al
  ELSEVIER.2025: 4198-4199

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

- **Combined TCR-seq and single-cell RNA-seq reveal distinct origins for antiviral immunity after post-transplant cyclophosphamide and tac/MTX gvhd prophylaxis: Results from the BMT CTN 1801 study**
  Siegel, S., Dewolf, S., Schmalz, J., Winn, N., Kaminski, J., Bien, S., Sanders, C., Robins, H., Zavistaski, J., Schichter, I., Steinberg, L., Applegate, K., Bar, et al
  ELSEVIER.2025: 818-819

- **Superior efficacy and persistence of Orca-T-allogeneic CAR19/22 versus autologous CAR19/22 in high-risk adult B-ALL**
  Molina, A., Shiraz, P., Kanegai, A., Fraser, A., Kordek, D., Wagner, C., Srinagesh, H., Danley, L., Ramakrishnan, A., Daghagh, H., Huang, Y., Dhapola, G., Siddiqui, et al
  ELSEVIER.2025: 514-515

- **Predictors of outcomes to allogeneic hematopoietic cell transplantation (allo-HCT) for TP53 mutant myelodysplastic neoplasms (MDS) and acute myeloid leukemia (AML) patients and impact of hypomethylating agent (HMA) maintenance therapy**
  Wagstaff, C., Mishra, A., McLemore, A., Chan, O., Shallis, R., Pidala, J., Kuykendall, A., Reynolds, S., Elmariah, H., Al Ali, N., Torres, N., Xie, Z., Perez, et al
  ELSEVIER.2025

- **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

- **Impact of Obesity and Weight-Based Chemotherapy Dosing Adjustments on Outcomes of Allogeneic Hematopoietic Cell Transplant for Acute Myeloid Leukemia.** *Transplantation and cellular therapy*
  Gaskill, E., Albanyan, O., Naqvi, S. M., Mo, Q., Belfon, A., Nishihori, T., Faramand, R., Lazaryan, A., Hansen, D. K., Khimani, F., Mishra, A., Nieder, M., Perez, et al
  2025

- **Reducing Effects of Hospital Associated Deconditioning in Patients Undergoing Allogeneic Hematopoietic Stem Cell Transplantation-** *CLINICAL JOURNAL OF ONCOLOGY NURSING*
  Schmitz, J., Weigl, B., Patterson, A., Kumar, A., Johansson, M., Elmariah, H.
  2025; 29 (5): 416-422

- **Hematopoietic Cell Transplantation, Version 3.2025** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
  Loren, A. W., Mielcarek, M., Bolanos-Meade, J., Brammer, J., Cowden, M., Di Stasi, A., El-Jawahri, A., Elmariah, H., Gundabolu, K., Gutman, J., Ho, V., Hoeg, R. T., Horwitz, et al

2025; 23 (10)

- **Trial of Enasidenib Maintenance Post Allogeneic Hematopoietic Cell Transplant in Patients With IDH-2 Mutated AML.** *Transplantation and cellular therapy*
  Salhotra, A., Bejanyan, N., Yang, D., Mokhtari, S., Knobler, D., Park, G., Malki, M. M., Sandhu, K. S., Faramand, R., Aldoss, I., Artz, A. S., Aribi, A., Elmariah, et al
  2025
- **Letermovir reduces cytomegalovirus in HLA-matched and mismatched allogeneic hematopoietic cell transplant patients receiving post-transplant cyclophosphamide.** *Bone marrow transplantation*
  Schmitz, J., Gaskill, E., Price, S., Cao, B., Kim, J., Baluch, A., Klinkova, O., Faramand, R., Mishra, A., Perez, L., Khimani, F., Lazaryan, A., Ochoa-Bayona, et al
  2025
- **Phase II Trial of Reduced-Intensity Fludarabine, Melphalan, and Total Body Irradiation Conditioning With Haploidentical Donor Peripheral Blood Stem Cell Transplant.** *American journal of hematology*
  Elmariah, H., Kim, J., Gonzalez, R., DiMaggio, E., Sansil, S., Mishra, A., Faramand, R., Perez, L., Lazaryan, A., Mirza, A., Khimani, F., Liu, H., Ochoa-Bayona, et al
  2025
- **Optimal GVHD Prophylaxis.** *Advances in experimental medicine and biology*
  Elmariah, H., Bolaños-Meade, J.
  2025; 1475: 77-102
- **Impact of Post-Transplant Cyclophosphamide-Based GVHD Prophylaxis in Patients 70 years and Older: An Update from BMT CTN 1703.** *Blood advances*
  Abedin, S. M., Martens, M. J., Bolaños-Meade, J., Al Malki, M. M., Lian, Q., Runaas, L., Elmariah, H., Gooptu, M., Larkin, K., Shaffer, B. C., Loren, A. W., Solh, M. M., Alousi, et al
  2025
- **Accurate prediction of absolute prokaryotic abundance from DNA concentration.** *Cell reports methods*
  Wirbel, J., Andermann, T. M., Brooks, E. F., Evans, L., Groth, A., Dvorak, M., Chakraborty, M., Palushaj, B., Reynolds, G. Z., Porter, I. E., Al Malki, M., Rezvani, A., Gooptu, et al
  2025: 101030
- **Graft-versus-host disease prophylaxis shapes T cell biology and immune reconstitution after hematopoietic cell transplant.** *medRxiv : the preprint server for health sciences*
  Siegel, S. J., DeWolf, S., Schmalz, J., Saber, W., Dong, J., Martens, M. J., Logan, B., Albanese, A., Iovino, L., Chen, E., Kaminski, J., Neuberg, D., Hebert, et al
  2025
- **Improved Patient-Reported Outcomes With Post-Transplant Cyclophosphamide: A Quality-of-Life Evaluation and 2-Year Outcomes of BMT CTN 1703.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
  Holtan, S. G., Bolaños-Meade, J., Al Malki, M. M., Wu, J., Kitko, C. L., Reshef, R., Rezvani, A. R., Shaffer, B. C., Solh, M. M., Yao, J. M., Runaas, L., Elmariah, H., Larkin, et al
  2025: JCO2400921
- **Comparison of Outcomes of Haploidentical Peripheral Blood Stem Cell Transplantation with Post-Transplant Cyclophosphamide in Older Versus Younger Patients** *CANCERS*
  Adoncecchi, G., Kumar, A., Mogili, K., Faramand, R., Liu, H., Khimani, F., Mishra, A., Nieder, M., Nishihori, T., Hansen, D., Jain, M., Lazaryan, A., Perez, et al
  2025; 17 (2)
- **JAK2/mTOR inhibition fails to prevent acute GVHD despite reduced Th1/Th17 cells: final phase 2 trial results** *BLOOD*
  Pidala, J., Holtan, S. G., Walton, K., Kim, J., Cao, B., Elmariah, H., Mishra, A., Bejanyan, N., Nishihori, T., Khimani, F., Perez, L., Faramand, R. G., Davila, et al
  2024; 144 (22): 2295-2307
- **Superiority of Post-Transplant Cyclophosphamide-Based Graft Versus Host Disease (GvHD) Prophylaxis in Patients 70 Years and Older: A BMT CTN 1703 Post-Hoc Analysis**
  Abedin, S., Lian, Q., Martens, M. J., Malki, M., Elmariah, H., Gooptu, M., Larkin, K. T., Shaffer, B. C., Loren, A. W., Solh, M. M., Alousi, A. M., Jamy, O., Yao, et al

ELSEVIER.2024: 1042-1044

- **Melphalan Dose in Combination With Fludarabine Affects Gastrointestinal Toxicity and Graft-Versus-Host Disease After Allogeneic Transplantation in Acute Myeloid Leukemia and Myelodysplastic Syndromes** *TRANSPLANTATION AND CELLULAR THERAPY*

  Albanyan, O., Elmariah, H., Kalos, D., Kim, J., Faramand, R., Sallman, D., Mishra, A., Sweet, K., Perez, L., Ochoa-Bayona, J., Nieder, M., Komrokji, R., Lancet, et al

  2024; 30 (11): 1090.e1-1090.e10

- **Low Risk of Relapse and Favorable Survival after Allogeneic Transplantation with Fludarabine and Melphalan Conditioning for Measurable Residual Acute Myeloid Leukemia**

  Babu, A., Bower, K., Siraj, M., Cao, B., Kim, J., Elmariah, H., Faramand, R., Mirza, S., Perez, L., Mishra, A., Khimani, F., Ochoa-Bayona, J. L., Nieder, et al

  ELSEVIER.2024: 4881-4882

- **Similar Cardiac Toxicity Following Allogeneic Hematopoietic Cell Transplant (alloHCT) with Post-Transplant Cyclophosphamide Versus Calcineurin Inhibitor-Based Graft-Versus-Host Disease Prophylaxis**

  Vazquez-Martinez, M. A., Caprice, T., Amisha, F., Almaraz, A., Kim, J., Cao, B., Alomar, M. E., Khimani, F., Mishra, A., Nieder, M., Lazaryan, A., Ochoa-Bayona, J. L., Nishihori, et al

  ELSEVIER.2024: 4871-4872

- **Non-Engrafting CD8-Depleted Human Leukocyte Antigen (HLA) Mismatched Unrelated Donor Lymphocyte Infusion (DLI) Achieves Remissions in Transplant-Naive Myelodysplastic Syndrome (MDS) and Secondary Acute Myeloid Leukemia (sAML)**

  Elmariah, H., Kim, J., Reid, K., Cubitt, C., Kuykendall, A. T., Lancet, J. E., Komrokji, R. S., Sallman, D., Padron, E., Chan, O., Sweet, K. L., Walker, A. R., Ribickas, et al

  ELSEVIER.2024: 2071-2073

- **Outcomes of Haploidentical Stem Cell Transplant Recipients With HHV-6B Reactivation** *OPEN FORUM INFECTIOUS DISEASES*

  Handley, G., Yepes, A., Eliassen, E., Dominguez, G., Pasikhova, Y., Klinkova, O., Baluch, A., Febres-Aldana, A. J., Alsina, M., Elmariah, H., Khimani, F., Hansen, D. K., Freeman, et al

  2024; 11 (10): ofae564

- **LARGE-SCALE TCR DEEP SEQUENCING REVEALS A T CELL DIVERSITY BOTTLENECK WITH POST-TRANSPLANT CYCLOPHOSPHAMIDE WITH IMPLICATIONS FOR EFFICACY AND TOXICITY: RESULTS OF THE BMT-CTN 1801 STUDY**

  Kean, L., Siegel, S., Schmalz, J., Bien, S., DeWolf, S., Dong, J., Scheffey, D., Sanders, C., Robins, H., Applegate, K., Bar, M., Chhabra, S., Choi, et al

  SPRINGERNATURE.2024: 12-13

- **Lower Weight-Based Mycophenolate Mofetil Dosing is Associated with Superior Outcomes after Haploidentical Hematopoietic Cell Transplant with Post-transplant Cyclophosphamide** *TRANSPLANTATION AND CELLULAR THERAPY*

  Elmariah, H., Otoukesh, S., Kumar, A., Ali, H., Arslan, S., Dimaggio, E., Gonzalez, R., Shouse, G., Pourhassan, H., Nishihori, T., Faramand, R., Mishra, A., Khimani, et al

  2024; 30 (10): 1019e1-1019e9

- **Donor types and outcomes of transplantation in myelofibrosis: a CIBMTR study** *BLOOD ADVANCES*

  Jain, T., Estrada-Merly, N., Salas, M., Kim, S., Devos, J., Chen, M., Fang, X., Kumar, R., Andrade-Campos, M., Elmariah, H., Agrawal, V., Aljurf, M., Bacher, et al

  2024; 8 (16): 4281-4293

- **Hypomethylating Agents and Venetoclax for Acute Myeloid Leukemia Relapsed After Hematopoietic Stem Cell Transplant** *CLINICAL LYMPHOMA MYELOMA & LEUKEMIA*

  Ionescu, F., David, J. C., Ravichandran, A., Sallman, D. A., Sweet, K., Komrokji, R. S., Chan, O., Kuykendall, A., Padron, E., Faramand, R., Bejanyan, N., Khimani, F., Elmariah, et al

  2024; 24 (6): 400-406

- **Mismatched donor allogeneic hematopoietic cell transplantation with post-transplant cyclophosphamide achieves comparable outcomes between racially and ethnically diverse patient populations** *AMERICAN JOURNAL OF HEMATOLOGY*

  Caprice, T., Fan, W., Kim, J., Faramand, R., Mishra, A., Perez, L., Khimani, F., Lazar-yan, A., Ochoa-Bayona, J. L., Liu, H., Jain, M. D., Nieder, M., Anasetti, et al

  2024; 99 (6): 1196-1200

- **Sirolimus Is an Acceptable Alternative to Tacrolimus for Graft-versus-Host Disease Prophylaxis after Haploidentical Peripheral Blood Stem Cell Transplantation with Post-Transplantation Cyclophosphamide** *TRANSPLANTATION AND CELLULAR THERAPY*

Elmariah, H., Otoukesh, S., Kumar, A., Ali, H., Arslan, S., Shouse, G., Pourhassan, H., Nishihori, T., Faramand, R., Mishra, A., Khimani, F., Fernandez, H., Lazaryan, et al

2024; 30 (2): e1-e11

- **Association between CYP3A4, CYP3A5 and ABCB1 genotype and tacrolimus treatment outcomes among allogeneic HSCT patients** *PHARMACOGENOMICS*

  Ho, T. T., Perkins, J. B., Gonzalez, R., Hicks, J., Martinez, R., Duranceau, K., North, B., Kim, J., Teer, J. K., Yao, J., Yoder, S. J., Nishihori, T., Bejanyan, et al

  2024; 25 (1): 29-40

- **Haploidentical donor hematopoietic cell transplantation for myelodysplastic/myeloproliferative overlap neoplasms: results from a North American collaboration** *HAEMATOLOGICA*

  Jain, T., Tsai, H., Elmariah, H., Vachhani, P., Karantanos, T., Wall, S. A., Gondek, L. P., Bashey, A., Keyzner, A., Tamari, R., Grunwald, M. R., Abedin, S., Nadiminti, et al

  2023; 108 (12): 3321-3332

- **A Novel Composite Endpoint of Toxicity-Free, Progression-Free Survival (TPFS) after CD19-Directed Chimeric Antigen Receptor T-Cell Therapy for Relapsed/Refractory Large B-Cell Lymphoma**

  Saha, A., Mohty, R., Whiting, J., Flores, K., Kim, J., Nishihori, T., Chavez, J. C., Khimani, F., Hansen, D. K., Perna, F., Liu, H., Shah, B. D., Dam, et al

  ELSEVIER.2023

- **Large-Scale Post-Transplant TCR Deep Sequencing Reveals a Major T Cell Diversity Bottleneck with Post-Transplant Cyclophosphamide with Implications for Both Efficacy and Toxicity: Results of the BMT CTN 1801 Study**

  Kean, L., Siegel, S. J., Schmalz, J. T., Bien, S. A., Scheffey, D., Sanders, C., Robins, H., Applegate, K., Bar, M., Chhabra, S., Choi, S. W., Clark, W., Das, et al

  AMER SOC HEMATOLOGY.2023

- **Patient-Reported Outcomes of BMT CTN 1703: A Randomized Phase III Study for Gvhd Prophylaxis - a Quality of Life Evaluation**

  Holtan, S. G., Martens, M. J., Al Malki, M. M., Efebera, Y., Kitko, C. L., Reshef, R., Rezvani, A. R., Shaffer, B. C., Solh, M. M., Yao, J. M., Runaas, L., Elmariah, H., Larkin, et al

  AMER SOC HEMATOLOGY.2023

- **Cardiac events after standard of care idecabtagene vicleucel for relapsed and refractory multiple myeloma** *BLOOD ADVANCES*

  Lee, D., Kumar, A., Mohammed, T., Peres, L. C., Alsina, M., Bachmeier, C., Blue, B. J., Brayer, J., Chandrasekhar, S., Cruz, A., De Avila, G., Elmariah, H., Faramand, et al

  2023; 7 (16): 4247-4257

- **Post-Transplantation Cyclophosphamide-Based Graft-versus-Host Disease Prophylaxis.** *The New England journal of medicine*

  Bolaños-Meade, J., Hamadani, M., Wu, J., Al Malki, M. M., Martens, M. J., Runaas, L., Elmariah, H., Rezvani, A. R., Gooptu, M., Larkin, K. T., Shaffer, B. C., El Jurdi, N., Loren, et al

  2023; 388 (25): 2338-2348

- **Trends and in-hospital cardiac complications in patients with atrial fibrillation undergoing allogeneic stem cell transplant: A National Inpatient Sample analysis (2002-2019)** *EUROPEAN JOURNAL OF HAEMATOLOGY*

  Din, M., Chowdhury, M., Shahzad, M., Zahid, S., Liaqat, H., Osama, M., Elmariah, H.

  2023; 110 (6): 754-761

- **Haploidentical Donor Blood or Marrow Transplantation for Myelodysplastic/Myeloproliferative Overlap Neoplasms: Results from a North American Collaboration.** *Research square*

  Jain, T., Tsai, H., Elmariah, H., Vachhani, P., Karantanos, T., Wall, S., Gondek, L., Bashey, A., Keyzner, A., Tamari, R., Grunwald, M., Abedin, S., Nadiminti, et al

  2023

- **Allogeneic hematopoietic stem cell transplant outcomes in adults with inherited myeloid malignancies** *BLOOD ADVANCES*

  Saygin, C., Roloff, G., Hahn, C. N., Chhetri, R., Gill, S., Elmariah, H., Talati, C., Nunley, E., Gao, G., Kim, A., Bishop, M., Kosuri, S., Das, et al

  2023; 7 (4): 549-554

- **NCCN Guidelines Insights: Hematopoietic Cell Transplantation, Version 3.2022.** *Journal of the National Comprehensive Cancer Network : JNCCN*

  Saad, A., Loren, A., Bolanos-Meade, J., Chen, G., Couriel, D., Di Stasi, A., El-Jawahri, A., Elmariah, H., Farag, S., Gundabolu, K., Gutman, J., Ho, V., Hoeg, et al

  2023; 21 (2): 108-115

- **Post-Transplant Cyclophosphamide, Tacrolimus, and Mycophenolate Mofetil As the New Standard for Graft-Versus-Host Disease (GVHD) Prophylaxis in Reduced Intensity Conditioning: Results from Phase III BMT CTN 1703**

  Holtan, S. G., Hamadani, M., Wu, J., Al Malki, M. M., Runaas, L., Elmariah, H., Rezvani, A. R., Gooptu, M., Larkin, K. T., Shaffer, B. C., El Jurdi, N. H., Loren, A. W., Solh, et al

  AMER SOC HEMATOLOGY.2022: 14-16

- **Outcomes of CD19-Targeted Chimeric Antigen Receptor T Cell Therapy for Patients with Reduced Renal Function Including Dialysis** *TRANSPLANTATION AND CELLULAR THERAPY*

  Wood, A. C., Perez, A., Arciola, B., Patel, K., Johnson, G., DiMaggio, E., Bachmeier, C. A., Reid, K., Carallo, S., Vargas, M. H., Faramand, R., Chavez, J. C., Shah, et al

  2022; 28 (12): 829.e1-829.e8

- **Sirolimus Results in Similar Outcomes to Tacrolimus for Gvhd Prophylaxis after Haploidentical Peripheral Blood Stem Cell Transplantation with Post-Transplant Cyclophosphamide**

  Elmariah, H., Otoukesh, S., Kumar, A., Ali, H., Arslan, S., Desai, A., Blackmon, A., Pourhassan, H., Nishihori, T., Faramand, R., Mishra, A., Khimani, F., Fernandez, et al

  ELSEVIER.2022: 7638-7640

- **Phase I Trial of CD8-Depleted Human Leukocyte Antigen (HLA) Mismatched Unrelated Donor Lymphocyte Infusion (DLI) to Achieve Remissions in Myelodysplastic Syndrome (MDS) and Secondary Acute Myeloid Leukemia (sAML)**

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