

CURRICULUM VITAE

Larisa Broglie MD, MS

**Associate Professor
Department of Pediatrics
Division of Hematology and Oncology - Pediatrics**

OFFICE ADDRESS:

MACC Fund Research Center
8701 Watertown Plank Rd
Milwaukee, WI 53226

EDUCATION:

08/2002 - 06/2006 Bachelor of Science, Biology/Chemistry Interdisciplinary Major, Summa Cum Laude,
Loyola University in Maryland,, Baltimore, MD
08/2006 - 06/2010 Medical Doctorate, Jefferson Medical College,, Philadelphia, PA
08/2016 - 05/2018 Masters of Clinical and Translational Research, Medical College of Wisconsin,
Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2010 - 06/2013 Pediatric Resident, Pediatrics, Children's Memorial Hospital Northwestern University
Feinberg School of Medicine, Chicago, IL
07/2013 - 06/2016 Pediatric Hematology/Oncology/Stem Cell Transplant Fellow, Pediatrics, Pediatric
Hematology, Oncology, Ann and Robert H. Lurie Children's Hospital of Chicago Northwestern
University Feinberg School of Medicine, Chicago, IL
07/2016 - 05/2018 James Casper Pediatric Blood and Marrow Transplant & Research Fellow, Pediatrics,
Pediatric Hematology, Oncology, Blood and Marrow Transplantation, Milwaukee, WI

FACULTY APPOINTMENTS:

06/2016 - 05/2018 Instructor, Department of Hematology/Oncology/Blood and Marrow Transplant, Division
of Pediatrics, Medical College of Wisconsin, Milwaukee, WI
05/2018 - 08/2020 Assistant Professor, Department of Hematology/Oncology/Stem Cell Transplant, Division
of Pediatrics, Columbia University Medical Center, New York, NY
09/2020 - 06/2024 Assistant Professor, Department of Hematology/Oncology/Blood and Marrow Transplant,
Division of Pediatrics, Medical College of Wisconsin, Milwaukee, WI
07/2024 - Present Associate Professor, Department of Hematology/Oncology/Blood and Marrow Transplant,
Division of Pediatrics, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

09/2020 - Present Clinical Director of the BMT and Cellular Therapy Immune Deficiency and Dysregulation
Team, Children's Hospital of Wisconsin
07/2021 - Present Co-Director Pediatric Hematology/Oncology Fellowship Journal Club (leader and
curriculum development), Medical College of Wisconsin

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

04/2019 - 09/2020 Associate Medical Director of 5 Tower (inpatient floor at New York Presbyterian Morgan
Stanley Children's Hospital), Columbia University Medical Center, New York, NY
09/2020 - Present Clinical Director of the BMT and Cellular Therapy Immune Deficiency & Dysregulation
Team, Children's Hospital of Wisconsin, Milwaukee, WI

RESEARCH ADMINISTRATIVE APPOINTMENTS:

09/2020 - Present Scientific Director, Center for International Blood and Marrow Transplant, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

07/2016 - 06/2018 Children's Hospital of Wisconsin, 8195 W. Connell Ave, Milwaukee, WI 53226
06/2018 - 08/2020 New York Presbyterian Morgan Stanley Children's Hospital, Columbia University Medical Center, 3959 Broadway, New York, NY
09/2020 - Present Children's Hospital of Wisconsin, 8195 W. Connell Ave, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
USMLE Step 1, passed	2008	None
USMLE Step 2, passed	2009	None
USMLE Step 3, passed	2012	None
American Board of Pediatrics, Pediatric Board Exam, passed	2013	None
AAP Pediatric Hematology/Oncology Board Exam, passed	2017	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Physician and Surgeon Medicine and Surgery		07/2010	07/2017
Medicine and Surgery		08/2016	None
Medicine and Surgery		12/2017	None
Medicine and Surgery		09/2020	None

AWARDS AND HONORS:

2016 James Casper Pediatric Blood and Marrow Transplant & Research Fellow, Medical College of Wisconsin
2017 Clinical Research Training Course Scholar, American Society of Blood and Marrow Transplant
2018 Department of Pediatrics Award for Best Fellowship Research Project and Presentation, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

04/2006 - Present Alpha Sigma Nu (Member)
04/2006 - Present Phi Beta Kappa (Member)
08/2006 - 06/2010 American Medical Association (Member)
06/2009 - 06/2010 Hobart Amory Hare Society (Member)
07/2010 - 07/2013 American Academy of Pediatrics (Member)
07/2013 - 07/2016 American Society of Hematology (Member)
01/2014 - 12/2016 American Society of Hematology (Trainee)
07/2016 - Present American Society of Pediatric Hematology/Oncology (Member)
08/2016 - 05/2018 CIBMTR – Cellular Therapy Forum (Member)
09/2016 - Present Regiment Related Toxicity, Pediatric Cancer, Non-Malignant Diseases, Late Effects (CIBMTR Working Committee Member)
09/2016 - Present American Society of Blood and Marrow Transplantation (Member)
09/2016 - Present Pediatric Blood and Marrow Transplant Consortium (PBMTTC) (Supportive Care Committee Member)
11/2018 - Present American Society of Transplantation and Cellular Therapy
01/2023 - Present American Society of Hematology (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review

02/2018 - Present Annals of Hematology
05/2019 - Present Pediatrics
09/2019 - Present Biology of Blood and Marrow Transplantation
08/2020 - Present Pediatric Transplantation
01/2021 - Present Journal of Pediatric Hematology/Oncology
05/2021 - Present The Lancet Hematology
08/2021 - Present British Journal of Hematology
12/2021 - Present Transplantation and Cellular Therapy
03/2022 - Present Bone Marrow Transplant
05/2022 - Present Blood and Lymphatic Cancer: Targets and Therapy
09/2022 - Present Frontiers in Immunology
09/2022 - Present Frontiers in Pediatrics
10/2022 - Present Frontiers in Immunology

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

09/2019 - 09/2020 Central Line Task Force, Columbia University Medical Center
06/2021 - Present Human Gene Transfer Scientific Review Committee, Medical College of Wisconsin
09/2021 - Present Blood Utilization Committee, Children's Hospital of Wisconsin
10/2021 - Present Nelson's Undiagnosed Patient Service, Children's Hospital of Wisconsin
09/2022 - Present Outpatient COVID Treatment Management Team, Children's Hospital of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

05/2018 - Present Co-leader, Fellowship Subcommittee of the Supportive Care Committee of the Pediatric Blood and Marrow Transplant Consortium (PBMTC)
03/2019 - 09/2022 Institutional Steering Committee Member, Columbia University Medical Center, New York NY, North American Pediatric Aplastic Anemia Consortium
02/2020 - 09/2020 Institutional Primary Investigator, NY Primary Immune Deficiency Treatment Consortium, Columbia University Medical Center New York
09/2020 - Present Scientific Director, Pediatric Cancer Working Committee, Center for International Blood and Marrow Transplant Research
09/2020 - Present Institutional Primary Investigator, Primary Immune Deficiency Treatment Consortium, Children's Hospital of Wisconsin Milwaukee WI
09/2020 - Present Institutional Steering Committee Member, North American Pediatric Aplastic Anemia Consortium, Children's Hospital of Wisconsin Milwaukee WI
10/2020 - Present Committee Member, Children's Oncology Group Supportive Care Guideline Committee, Children's Oncology Group
10/2021 - Present Committee Member, Pediatric Transplantation and Cellular Therapy Consortium (PTCTC) Scientific Review
10/2021 - Present Junior Faculty Task Force, CIBMTR/ASTCT
12/2021 - Present Committee Member, Non-Malignant Working Committee, Center for International Blood and Marrow Transplant Research
02/2022 - Present Committee Member, Task Force on Junior Faculty Engagement, Center for International Blood and Marrow Transplant (CIBMTR) and American Society of Transplantation and Cellular Therapy (ASTCT)
03/2022 - Present Group Member, Pediatric Transplantation and Cellular Therapy Consortium (PTCTC) Non-Malignant Disease Strategy
11/2022 - Present Committee Member, Organizing Committee Member, Pediatric Track of The CIBMTR/ASTCT Tandem Meeting
06/2023 - Present Committee Member, Cellular Therapy Steering Committee, Children's Oncology Group (COG)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:

A Data Resource for Analyzing Blood and Marrow Transplants and Adoptive

Source:	Cellular Therapy Research NIH: NCI (lead), NHLBI, NHLBI, National Institute for Allergy and Infectious Disease (NIAID)
Role & Effort:	Co-Investigator
Dates:	1998 - 2028
Title:	6903: Analysis of Patients Treated for Chronic Granulomatous Disease Since January 1, 1995
Source:	PIDTC
Role & Effort:	Primary Investigator (site PI)
PI:	Larisa Broglie
Dates:	2020 - Present
Title:	6902: A Retrospective and Cross- Sectional Analysis of Patients Treated for SCID (1968-2010)
Source:	PIDTC
Role & Effort:	Primary Investigator (site PI)
PI:	Larisa Broglie
Dates:	2020 - Present
Title:	Multi-center phase II randomized controlled trial of naïve T cell depletion for prevention of chronic graft-versus- host disease in children and young adults
Source:	CIBMTR/NMDP and PTCTC
Role & Effort:	Protocol Officer
Dates:	2020 - Present
Title:	CIBMTR 2002-0063: Center for International Blood and Marrow Transplant Research® (CIBMTR®) Protocol for a Research Database of Hematopoietic Cell Transplantation, Other Cellular Therapies, and Marrow Toxic Injuries
Source:	CIBMTR
Role & Effort:	Primary Investigator (Site PI)
PI:	Larisa Broglie
Dates:	2020 - Present
Title:	6901: A Prospective Natural History Study of Diagnosis, Treatment and Outcomes of Children with SCID Disorders
Source:	PIDTC
Role & Effort:	Primary Investigator (site PI)
PI:	Larisa Broglie
Dates:	2020 - Present
Title:	Phase 1/2 Study of Anti-CD33 Chimeric Antigen Receptor-Expressing T Cells (CD33CART) in Children and Young Adults with Relapsed/Refractory Acute Myeloid Leukemia

Source:	CIBMTR/NMDP and PTCTC
Role & Effort:	Protocol Officer
Dates:	2020 - Present
Title:	A randomized trial of low versus moderate exposure busulfan for infants with severe combined immunodeficiency (SCID) receiving TCR $\alpha\beta$ /CD19+ depleted transplantation: A Phase II study by the Primary Immune Deficiency Treatment Consortium (PIDTC) and Pediatric Transplantation & Cellular Therapy Consortium (PTCTC) "CSIDE" Protocol
Source:	CIBMTR/NMDP, PTCTC, and PIDTC
Role & Effort:	Protocol Officer
Dates:	2020 - Present
Title:	Phase 1 Study of Redirected Autologous T Cells Engineered to Contain an Anti-CD19 and Anti-CD20 scFv Coupled to CD3 ζ and 4-1BB Signaling Domains in Pediatric and Young Adult Patients with Relapsed and/or Refractory CD19 or CD20 B-cell Acute Lymphoblastic Leukemia
Source:	MCW
Role & Effort:	Medical Monitor
Dates:	2020 - Present
Title:	A Multi-Center, Phase II Trial of HLA-Mismatched Unrelated Donor Hematopoietic Cell Transplantation (HCT) with Post-Transplantation Cyclophosphamide for Patients with Hematologic Malignancies
Source:	CIBMTR/NMDP
Role & Effort:	Protocol Officer
Dates:	2020 - Present
Title:	A Phase II Trial of Non-Myeloablative Conditioning and Transplantation of Partially HLA-Mismatched/Haploidentical Related or Matched Unrelated Bone Marrow for Newly Diagnosed Patients with Severe Aplastic Anemia
Source:	BMT-CTN
Role & Effort:	Protocol Officer
Dates:	2023 - Present
Title:	Randomized Controlled Trial of Olanzapine for the Control of Chemotherapy-induced Vomiting in Children Receiving Highly Emetogenic Chemotherapy
Source:	CIBMTR

Role & Effort: Primary Investigator (Site PI)
PI: Larisa Broglie

Title: Bone Marrow Failure, MDS Database
Source: NAPAAC
Role & Effort: Primary Investigator (Site PI)
PI: Larisa Broglie

Prior

Peer Review

Title: CTSI National Research Service Awards
TL1 grant
Source: NIH Grant Numbers UL1TR001436 and
1TL1TR001437
Dates: 08/2016 - 08/2017

Title: CTSI National Research Service Awards
TL1 grant
Source: NIH Grant Numbers UL1TR001436 and
1TL1TR001437
Dates: 08/2017 - 08/2018

Non-Peer Review

Title: PBMTC/ASPHO Young Investigator
Travel Award
Dates: 05/2016

Title: PBMTC/ASPHO Young Investigator
Travel Award
Dates: 05/2017

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

International

"Cellular Therapies for Pediatric Acute Lymphoblastic Leukemia", CIBMTR/ASTCT Transplant and Cellular Therapy Meeting, Houston, TX, 02/20/2019
"Non-Malignant Diseases: Classification and Differences from Malignant HCT", CIBMTR/ASTCT Tandem Meeting, Orlando, FL, 02/13/2023 - 02/19/2023
"CIBMTR Structure and Collaboration", Westhafen Intercontinental Group Meeting, Paris, France, 04/21/2023 - 04/22/2023

National

"Pulmonary Complications of Pediatric Hematopoietic Cell Transplantation. A National Institutes of Health Workshop", A National Institutes of Health Workshop, Bethesda, MD, 04/25/2017 - 04/26/2017
"HLA-Mismatched Unrelated Donor Bone Marrow Transplantation Using Post-Transplant Cyclophosphamide (PTCy)", PTCTC Education Conference, Fort Worth, TX, 05/09/2023
"CIBMTR and COG Collaboration", Children's Oncology Group Meeting, Atlanta, GA, 09/06/2023

Local

"Reduced Intensity and Non-Myeloablative Hematopoietic Cell Transplantation in Primary Immune Deficiency", Allergy/Immunology Grand Rounds, Medical College of Wisconsin, 02/02/2021
"Immune Dysregulation: More than Just HLH", Pediatric ICU Educational Conference, Children's Hospital of Wisconsin, 07/20/2022
"Immune Dysregulation Disorders", BMT and Cellular Therapy Education Session, Medical College of Wisconsin (Virtual), 07/28/2022
"Sickle Cell Anemia and the Role of Hematopoietic Cell Transplantation", Nursing Education Conference,

Children's Hospital of Wisconsin, 10/22/2022
"The Who, What, Why, and How of Immune Dysregulation: How to Recognize It and Who To Call",
Pediatric Grand Rounds, Children's Hospital of Wisconsin, 11/04/2022

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

International

- Stem Cell Transplant (HSCT) in Pediatric CML – Is transplantation the standard of care? The Children's Memorial Hospital experience, Poster presented at the ASBMT/CIBMTR, 2012 - Present
- Prevalence of Abdominal Pain Related Functional Gastrointestinal Disorders in Pediatric Recipients of Hematopoietic Stem Cell Transplant, Poster presentation at CIBMTR/ASBMT Tandem meeting, 02/2013 - Present
- Survival after Hematopoietic Stem Cell Transplantation (HSCT) or Tyrosine Kinase Inhibitors (TKI) in Children with Chronic Myeloid Leukemia (CML) in Chronic Phase: A Single Institution Experience, Poster presented at the European School of Hematology Conference on Chronic Myeloid Leukemia, 2013 - Present
- Growth and Bone Health after Hematopoietic Stem Cell Transplantation or Tyrosine Kinase Inhibitors in Children with Chronic Myeloid Leukemia: A Single Institution Experience, Poster presented at the International Conference on Children's Bone Health, 2013 - Present
- Predicting Relapse post-Hematopoietic Stem Cell Transplant for Pediatric AML and MDS, , Poster presented at the ASBMT/CIBMTR Tandem meeting, 02/2015 - Present
- Fecal calprotectin – a useful tool to predict steroid responsiveness of gastrointestinal acute graft versus host disease, ., Poster presented at the ASBMT/CIBMTR Tandem meeting, 02/2016 - Present
- Trajectories of Children's Health-Related Quality of Life after Myeloimmuno Ablative Conditioning Familial Haploidentical T-Cell Depleted with T-Cell Addback Stem Cell Transplantation for Poor Risk SCD, Poster presented at CIBMTR/ASBMT Tandem meeting, 02/2017 - Present
- Evaluation of the Hematopoietic Cell Comorbidity Index (HCT-CI) in Recipients of Allogeneic Transplantation for Non-Malignant Diseases., CIBMTR/ASBMT Tandem meeting oral presentation, 02/2018 - Present
- Monica Thakar, Larisa Broglie et al, Evaluation of the Hematopoietic Cell Transplantation Comorbidity Index in Recipients of Allogeneic Transplantation for Non-Malignant Diseases., Oral Presentation at the European Society for Blood and Marrow Transplant (EBMT) Conference, 03/2018 - Present
- Evaluation of the Hematopoietic Cell Transplant Comorbidity Index (HCT-CI) in Recipients of Allogeneic Transplantation for Immune Deficiencies, Oral Presentation at the Primary Immune Deficiency Treatment Consortium (PIDTC) meeting, 05/2018 - Present
- Brian Friend, Larisa Broglie et al, Expanded Comorbidity Definitions Improve Applicability of the HCT-CI for Children, Adolescents, and Young Adults with Hematologic Malignancies Undergoing Allogeneic Stem Cell Transplantation, Poster presentation at the American Society of Hematology (ASH) meeting, 12/2020 - Present
- Expanded Definitions in the Hematopoietic Cell Transplantation Comorbidity Index (HCT-CI) Better Classifies Comorbidity in Children and Young Adults with Non-Malignant Diseases, Oral presentation at the American Society of Hematology (ASH) meeting, 12/2020 - Present
- A Primary. Immune Deficiency Treatment Consortium (PIDTC) Study of Chronic and Late Onset Medical Complications after Initial Hematopoietic Cell Transplantation (HCT) for Severe Combined Immunodeficiency Disease (SCID), Poster presentation at CIBMTR/ASTCT Tandem meeting, 05/2022 - Present
- Allogeneic hematopoietic cell transplantations are effective in patients with p47phox Chronic Granulomatous Disease: A Primary Immune Deficiency Treatment Consortium Study, Poster presentation. CIBMTR/ASTCT Tandem Meeting, Orlando, FL, 02/13/2023 - 02/19/2023
- Access: A multi-center phase II trial of HLA-Mismatched unrelated donor hematopoietic cell transplantation with post-transplant cyclophosphamide for patients with hematologic malignancies., Poster Presentation, CIBMTR/ASTCT Tandem Meeting, Orlando, FL, 02/13/2023 - 02/19/2023

National

- Survival after Hematopoietic Stem Cell Transplantation (HSCT) or Tyrosine Kinase Inhibitors (TKI) in Children with Chronic Myeloid Leukemia, Poster presented at ASPHO, 2012 - Present
- Fecal calprotectin – a useful tool to predict steroid responsiveness of gastrointestinal acute graft versus host

disease., Poster presented ASPHO meeting, 04/2016 - Present
Stabilization of Pulmonary Function in Pediatric and Young Adult Sickle Cell Disease (SCD) Recipients undergoing Myelo-Immunesuppressive (MIC) and Familial Haploidentical (FHI) Transplantation Enriched CD34 Selection and T-cell Add-Back, Poster presented at PBMTC/ASPHO meeting, 04/2017 - Present
Treatment of Pulmonary Disease post HCT with High Dose Steroids at the Children's Hospital of Wisconsin, Poster presented at PBMTC/ASPHO meeting, 04/2017 - Present
Spontaneous improvement of severe T cell lymphopenia detected by newborn screening., Oral presentation at Primary Immune Deficiency Treatment Consortium (PIDTC) meeting, 05/2017 - Present
Evaluation of the Hematopoietic Cell Transplant Comorbidity Index (HCT-CI) in Recipients of Allogeneic Transplantation for Immune Deficiencies., Oral Presentation at the Primary Immune Deficiency Treatment Consortium (PIDTC) meeting, 05/2018 - Present
Lieb K and Broglie L., Risk factors affecting hospital readmission within the first 100 days following hospital discharge after hematopoietic cell transplantation (HCT) in the pediatric population, Poster presentation at ASPHO/PTCTC Meeting 2020 (virtual), 2020 - Present

COMMITTEE SERVICE:

Medical College of Wisconsin

09/2020 - Present Assistant Scientific Director, Pediatric Cancer Working Committee, Center for International Blood and Marrow Transplant Research, Medical College of Wisconsin
06/2021 - Present Human Gene Transfer Scientific Review Committee, Medical College of Wisconsin

Hospital

05/2018 - Present Co-Leader, Fellowship Subcommittee of the Supportive Care Committee, Pediatric Blood and Marrow Transplant Consortium
03/2019 - 09/2020 Member, Institutional Steering Committee, North American Pediatric Aplastic Anemia Consortium, Columbia University Medical Center
04/2019 - 09/2020 Associate Medical Director, 5 Tower (Oncology/Bone Marrow Transplant Unit), Columbia University Medical Center
04/2019 - 09/2020 Associate Medical Director, 5 Tower (Oncology/Bone Marrow Transplant Unit), Columbia University Medical Center New York NY
09/2019 - 09/2020 Central Line Task Force - developing standard guidelines for management of central lines in pediatric patients., Columbia University Medical Center New York NY
09/2019 - 09/2020 Member, Central Line Task Force, Columbia University Medical Center
02/2020 - 09/2020 Institutional Primary Investigator, Primary Immune Deficiency Treatment Consortium, Columbia University Medical Center
09/2020 - Present Member, Institutional Steering Committee, North American Pediatric Aplastic Anemia Consortium, Children's Hospital of Wisconsin
09/2020 - Present Institutional Primary Investigator, Primary Immune Deficiency Treatment Consortium, Children's Hospital of Wisconsin
09/2020 - Present Clinical Director, BMT and Cellular Therapy Immune Deficiency & Dysregulation Team, Children's Hospital of Wisconsin
09/2020 - Present Clinical Director, BMT and Cellular Therapy Immune Deficiency and Dysregulation Team
10/2020 - Present Member, Children's Oncology Group Supportive Care Guideline Committee, Children's Hospital of Wisconsin
07/2021 - Present Co-Director, Pediatric Hematology/Oncology Fellowship Journal Club, Children's Hospital of Wisconsin Milwaukee
09/2021 - Present Blood Utilization Committee, Children's Hospital of Wisconsin Milwaukee WI
10/2021 - Present Nelson's Undiagnosed Patient Service, Children's Hospital of Wisconsin Milwaukee WI

MCW TEACHING ACTIVITIES:

Resident and Fellow Education

02/2020 - Present Lectures given to the residents rotating on Oncology/BMT service
07/2021 - Present Co-Director of the Pediatric Hematology/Oncology Fellow Journal Club Curriculum.

EXTRAMURAL TEACHING:**Medical Student Education**

08/2005 - 06/2006 Loyola University in Maryland, Organic Chemistry Tutor

07/2010 - 06/2013 Northwestern University Feinberg School of Medicine, Pediatric Hematology/Oncology
Lecture Pediatrics Rotation, Medical Students

Resident and Fellow Education

10/2019 - 09/2020 Columbia University New York, NY, Kristin Lieb, Pediatric Hematology/Oncology
Fellowship Research Mentor

04/2021 - Present Children's Hospital of Wisconsin Milwaukee, WI, Nicole Liberio, Pediatric
Hematology/Oncology Fellowship Research Mentor

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**Undergraduate Students**

06/2022 - 08/2022 Ann Rodgers, Summer student Mentor, Medical College of Wisconsin

Clinical/Research Fellows

07/2021 - Present Nicole Liberio, Research Mentor - Pediatric Hematology/Oncology Fellow, Medical
College of Wisconsin

07/2022 - Present Alejandra Escobar Vasco, Research Mentor -, Medical College of Wisconsin

**EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS
MENTORED:****Undergraduate Students**

11/2022 - Present Jenzy Walugembe, Research Mentor, University of Wisconsin, Madison

Clinical/Research Fellows

07/2019 - 07/2020 Kristen Lieb, Research Mentor - Pediatric Hematology/Oncology Fellow, Columbia
University Medical Center

03/2020 - 07/2020 Bradley Gambel, Research Mentor - Pediatric Hematology/Oncology Fellow,
Columbia University Medical Center

PROGRAMMATIC DEVELOPMENTS:**Educational Programs****Fellow**

Pediatric Hematology/Oncology Fellowship Journal Club

BIBLIOGRAPHY**Refereed Journal Publications/Original Papers**

1. Broglie L, Hijiya N, Helenowski IB, Dilley K, Schneiderman J, Tse W, Duerst R, Kletzel M, Morgan E, Chaudhury S. Long-Term Follow-up of Children with Chronic Myeloid Leukemia after Hematopoietic Stem Cell Transplant and Tyrosine Kinase Inhibitor Therapy. *Leuk Lymphoma*. 2016; 57(4):949-952. doi: 10.3109/10428194.2015.1065981
2. Broglie L, Helenowski I, Jennings LJ, Schafernak K, Duerst R, Schneiderman J, Tse W, Kletzel M, Chaudhury S. Early Mixed T-cell Chimerism is Predictive of Pediatric AML or MDS Relapse after Hematopoietic Stem Cell Transplant. *Pediatr Blood Cancer*. 2017; 64(9). doi: 10.1002/pbc.26493
3. Broglie L, Margolis D, Medin JA. Yin and Yang of Mesenchymal Stem Cells and Aplastic Anemia. *World J*

- Stem Cells. 2017; 9(12): 219-226. doi: 10.4252/wjsc.v9.i12.219
4. Broglie L, Rademaker A, Galvin J, Ray A, Tse W, Duerst R, Schneiderman J, Kletzel M, Chaudhury S. Fecal Calprotectin and Albumin as Markers of Gastrointestinal Graft Versus Host Disease. *Hematol Oncol Stem Cell Ther.* 2018;11(3): 169-174. Doi: 10.1016/j.hemonc.2017.12.003
 5. Shah, CA*, Broglie L*, Hu L, Huang W, Dressler DB, Eklund EA. Stat3 and the CCAAT-enhancer binding protein ? (C/ebp?) activate Fanconi C gene transcription during emergency granulopoiesis. *J Biol Chem.* 2018; 293(11): 3937-3948. doi: 10.1074/jbc.RA117.000528
 6. Hu L, Huang W, Bei L, Broglie L, Eklund EA. TP53 Haploinsufficiency Rescues Emergency Granulopoiesis in FANCC-/- Mice. *J Immunol.* 2018; 200(6): 2129-2139. doi: 10.4049/jimmunol.1700931
 7. Broglie L*, Taraseviciute A*, Phelan R, Bhatt N, Becktell K, Burke M. What is the Role of Hematopoietic Cell Transplantation (HCT) for Pediatric Acute Lymphoblastic Leukemia (ALL) in the Age of Chimeric Antigen Receptor T-Cell (CART) Therapy? *J Pediatr Hematol Oncol.* 2019; 41(5): 337-344. doi: 10.1097/MPH.0000000000001479. PMID: 30973486(co-first author)
 8. Broglie L, Fretham C, Al-Seraihy A, George B, Kurtzberg J, Loren A, MacMilan M, Martinez C, Davies SM, Pasquini MC. Pulmonary Complications in Pediatric and Adolescent Patients Following Allogeneic Hematopoietic Cell Transplantation. *Biol Blood Marrow Transplant.* 2019. Doi:10.1016/j.bbmt.2019.06.004
 9. Lund TC, Ahn KW, Tecca HR, Hilgers MV, Abdel-Azim H, Abraham A, Diaz MA, Badawy SM, Broglie L, Brown V, Dvorak CC, Gonzalez-Vicent M, Hashem H, Hayashi RJ, Jacobsohn DA, Kent MW, Li CK, Margossian SP, Martin PL, Mehta P, Myers K, Olsson R, Page K, Pulsipher MA, Shaw PJ, Smith AR, Triplett BM, Verneris MR, Eapen M. Outcomes After Second Hematopoietic Cell Transplant for Children and Young Adults with Relapsed Acute Leukemia. *Biol Blood Marrow Transplant.* 2019; 25(2): 301-306. doi: 10.1016/j.bbmt.2018.09.016
 10. Broglie L*, Thakar MS*, Logan B, Artz A, Bunin N, Burroughs LM, Fretham C, Jacobsohn DA, Loren AW, Kurtzberg J, Martinez CA, Mineishi S, Nelson AS, Woolfrey A, Pasquini MC, Sorror ML. The Hematopoietic Cell Transplant Comorbidity Index Predicts Survival After Allogeneic Transplant for Non-Malignant Diseases. *Blood.* 2019; 133(7): 754-762. doi: blood-2018-09-876284 (co-first author)
 11. Ricci A, Jin Z, Broglie L, Bhatia M, George D, Garvin JH, Hall M, Satwani P. Healthcare utilization and financial impact of acute-graft-versus host disease among children undergoing allogeneic hematopoietic cell transplantation. *Bone Marrow Transplant.* 2019. Doi:10.1038/s41409-019-0688-9
 12. Kahn JM, Brazauskas R, Tecca HR, Bo-Sabait S, Buchbinder D, Battiwala M, Flowers MED, Savani BN, Phelan R, Broglie L, Abraham AA, Keating AK, Daly A, Wirk B, George B, Alter BP, Ustun C, Freytes CO, Beitinjaneh AM, Duncan C, Copelan E, Hildebrandt GC, Murthy HS, Lazarus HM, Auletta JJ, Myers KC, Williams KM, Page KM, Vrooman LM, Norkin M, Byrne M, Diaz MA, Kamani N, Bhatt NS, Rezvani A, Farhadfar N, Mehta PA, Hematti P, Shaw PJ, Kamble RT, Schears R, Olsson RF, Hayashi RJ, Gale RP, Mayo SJ, Chhabra S, Rotz SJ, Badawy SM, Ganguly S, Pavletic S, Nishihori T, Prestidge T, Agrawal V, Hogan WJ, Inamoto Y, Shaw BE, Satwani P. Subsequent neoplasms and late mortality in children undergoing allogeneic transplantation for nonmalignant diseases. *Blood Adv.* 2020. Doi: 10.1182/bloodadvances.2019000839
 13. Falcon CP, Broglie L, Phelan R, Choi SW, Auletta JJ, Chewning JH. Infection prophylaxis patterns following pediatric autologous hematopoietic stem cell transplantation: A survey of Pediatric Transplant and Cell Therapy Consortium centers. *Pediatr Transplant.* 2020. Doi: 10.1111/ptr.13821.
 14. Ricci A, Jin Z, Bourgeois W, Broglie L, Bhatia M, Davis L, George D, Garvin JH, Hall M, Ruiz J, Satwani P. Financial impact of post-transplant complications among children undergoing allogeneic hematopoietic cell transplantation. *Bone Marrow Transplant.* 2020. Doi: 10.1038/s41409-020-0899-0
 15. Gampel B, Troullioud Lucas AG, Broglie L, Gartrell-Corrado RD, Lee MT, Levine J, Orjuela-Grimm M, Satwani P, Glade-Bender J, Roberts SS. COVID-19 disease in New York City pediatric hematology and oncology patients. *Pediatric Blood Cancer.* 2020. Doi: 10.1002/pbc.28420
 16. Wobma H, Jin Z, Moscoso S, Bhatia M, Broglie L, George D, Garvin J, Satwani P. Risk factors, clinical outcomes, and cost-of-care related to graft failure in pediatric allogeneic hematopoietic cell transplant recipients". *Biol Blood Marrow Transplant.* 2020. Doi: 10.1016/j.bbmt.2020.03.009
 17. Jonat B, Gorelik M, Boneparth A, Geneslaw AS, Zachariah P, Shah A, Broglie L, Duran J, Morel KD, Zorrilla M, Svoboda L, Johnson C, Cheng J, Garzon MC, Silver WG, Grows Margolis K, Neunert C, Lytrivi I, Milner J, Kernie SG, Cheung EW. Multisystem Inflammatory Syndrome in Children associated with coronavirus disease 2019 in a Children's hospital in New York City: Patient Characteristics and an Institution Protocol for Evaluation, Management, and Follow-up. *Pediatric Critical Care medicine.* 2021; 22(3):e178-e191. PMID: 33003176

18. Broglie L, Ruiz J, Jin Z, Kahn JM, Bhatia M, George D, Garvin J, Satwani P. Limitations of applying the hematopoietic cell transplantation comorbidity index in pediatric patients receiving allogeneic hematopoietic cell transplantation. *Transplantation and Cellular Therapy*. 2021; 27(1):74e1-74e9. PMID: 33039515
19. Chani Traube, Linda M Gerber, Elizabeth A Mauer, Keshia Small, Larisa Broglie, Yogi Raj Chopra, Christine Noel Duncan, Christen L Ebens, Julie Fitzgerald, Jason L Freedman, Michelle P Hudspeth, Caitlin Hurley, Kris Michael Mahadeo, Jennifer Ann McArthur, Miriam C Shapiro, Matthew P Sharron, Donna Wall, Matt S Zinter, Bruce M Greenwald, Gabrielle Silver, Farid Boulad. Delirium in Children Undergoing Hematopoietic Cell Transplantation: a multi-institutional point prevalence study. *Frontiers in Oncology*, section Pediatric Oncology Article type: Original Research. 2021 In Press.
20. Broglie L, Friend BD, Chhabra S, Bupp C, Schiller GJ, Logan B, Pasquini MC, Savani B, Stadtmauer EA, Thakar MS, Sorror M. Differential use of the hematopoietic cell transplantation-comorbidity index among adult and pediatric transplant physicians. *Leuk Lymphoma*. 2022. Doi: 10.1080/10428194.2022.2076848
21. Phelan R, Chen M, Bupp C, Bolon YT, Broglie L, Brunner-Grady J, Burns LJ, Chhabra S, Christianson D, Cusatis R, Devine SM, D'Souza A, Eapen M, Hamadani M, Hengen M, Lee SJ, Moskop A, Page KM, Pasquini M, Perez WS, Riches M, Rizzo D, Saber W, Spellman SR, Stefanski HE, Steinert P, Weisdorf D, Horowitz M, Auletta JJ, Shaw BE, Arora M. Updated Trends in Hematopoietic Cell Transplantation in the United States with an Additional Focus on Adolescent and Young Adult Transplantation Activity and Outcomes. *Transplant Cell Ther*. 2022. Doi: 10.1016/j.jct.2022.04.012
22. Patel SS, Ahn KW, Hkanal M, Bupp C, Allbee-Johnson M, Majhail NS, Hamilton BK, Rotz SJ, Hashem H, Beitinjaneh A, Lazarus HM, Krem MM, Prestidge T, Bhatt NS, Sharma A, Gadalla SM, Murthy HS, Broglie L, Nishihori T, Freytes CO, Hildebrandt GC, Gergis U, Seo S, Wirk B, Pasquini MC, Savani BN, Sorror ML, Stadtmauer EA, Chhabra S. Noninfectious Pulmonary Toxicity after Allogeneic Hematopoietic Cell Transplantation. *Transplant Cell Therapy*. Doi:10.1016/j.jct.2022.03.015
23. Sengsayadeth S, Broglie L, Savani BN. Effectiveness of COVID-19 Vaccination in Patients After Allogeneic Haematopoietic Cell Transplant: How much Protection Are We Getting. *Br J Haematol*. 2022. Doi: 10.1111/bjh.17955
24. Bhatt NS, Meyer C, Mau LW, Broglie L, Devine S, Choi SW, Auletta J, Phelan R. Return-to-School Practices for Pediatric Hematopoietic Cell Transplantation Recipients during the COVID-19 Pandemic. *Transplant Cell Ther*. 2021. Doi: 10.1016/j.jct.2021/09/007
25. Shimano KA, Narla A, Rose MJ, Allen SW, Bergstrom K, Broglie L, Carella BA, Castillo P, de Jong JLO, Dror Y, Geddis AE, Huang JN, Lau BW, McGuinn C, Nakano TA, Overholt K, Rothman JA, Sharathkumar A, Shereck E, Vlachos A, Olson TS, Bertuch AA, Wlodarski MW, Shimamura A, Boklan J. Diagnostic Work-up for Severe Aplastic Anemia in Children: Consensus of the North American Pediatric Aplastic Anemia Consortium. *Am J Hematol*. 2021. Doi:10.1002/ajh.26310
26. Davis L, Yao Y, Jin Z, Moscoso S, Neunert C, Broglie L, Hall M Bhatia M, George D, Garvin JH, Satwani P. Length of Stay and Health Care Utilization Among Pediatric Autologous Hematopoietic Cell Transplantation Recipients. *Transplant Cell Ther*. 2021; doi: 10.1016/j.jct.2021.03.025.
27. Farhadfar N, Dias A, Wang T, Fretham C, Chhabra S, Murthy HS, Broglie L, D'Souza A, Gadalla SM, Gale RP, Hashmi S, Al-Homsi AS, Hildebrandt GC, Hematti P, Rizzieri D, Chee L, Lazarus HM, Bredeson C, Jaimes EA, Beitinjaneh A, Bashey A, Prestidge T, Krem MM, Marks DI, Benoit S, Yared JA, Hishihori T, Olsson RH, Freytes CO, Stadtmauer E, Savani BN, Sorror ML, Ganguly S, Wingard JR, Pasquini M. Impact of Pretransplantation Renal Dysfunction on Outcomes after Allogeneic Hematopoietic Cell Transplantation. *Transplant Cell Ther*. 2021. Doi: 10.1016/j.jct.2021.02.030.
28. Tamburro RF, Cooke KR, Davies SM, Goldfarb S, Hagood JS, Srinivasan A, Steiner ME, Stokes D, DiFronzo N, El-Kassar N, Shelburne N, Natarajan A, Pulmonary Complications of Pediatric Hematopoietic Stem Cell Transplantation Workshop Participants. Pulmonary Complications of Pediatric Hematopoietic Cell Transplantation. A National Institutes of Health Workshop Summary. *Ann Am Thorac Soc*. 2021 18(3): 381-394. Doi:10.1513/AnnalsATS.202001-006OT.
29. Rao S, Broglie L. HSCT for adults with immunodeficiencies. *Blood*. 2022;140(14):1580-1581.
30. Wang H, Berger KN, Miller EL, Fu W, Broglie L, Goldman FD, Konig H, Lim SJ, Berg AS, Talano JA, Comito MA, Farag SS, Pu JJ. The impacts of total body irradiation on umbilical cord blood hematopoietic stem cell transplantation. *Ther Adv Hematol*. 2023. doi: 10.1177/20406207231170708. eCollection 2023.
31. Gale RP, Hinterberg W, Young NS, Gennery A, Dvorak C, Hebert K, Heim M, Broglie L, Eapen M. What causes aplastic anaemia? *Leukemia*. 2023 doi: 10.1038/s41375-023-01892-2. Online ahead of print.

32. Knight TE, Ahn KW, Hebert KM, Atshan R, Wall DA, Chiengthong K, Rotz SJ, Frait E, Rangarajan HG, Auletta JJ, Sharma A, Kitko CL, Hashem H, Williams KM, Wirk B, Dvorak CC, Myers KC, Pulsipher MA, Warmwick AB, Lalefar NR, Schultz KR, Qayed M, Broglie L, Eapen M, Yanik GA. Effect of autograft CD34+ dose on outcome in pediatric patients undergoing autologous hematopoietic stem cell transplant for central nervous system tumors. *Transplant Cell Ther.* 2023. doi: 10.1016/j.jtct.2023.03.024. Online ahead of print.
33. Auletta JJ, Kou J, Chen M, Bolon YT, Broglie L, Bupp C, Christianson D, Cusatis RN, Devine SM, Eapen M, Hamadani M, Hengen M, Lee SJ, Moskop A, Page KM, Pasquini MC, Perez WC, Phelan R, Riches ML, Rizzo JD, Saber W, Spellman SR, Stefanski HE, Steinert P, Tuschl E, Yusuf R, Zhang MJ, Shaw BE. Real-world data showing trends and outcomes by race and ethnicity in allogeneic hematopoietic cell transplantation: a report from the Center for International Blood and Marrow Transplant Research. *Transplant Cell Ther.* 2023. Doi: 10.1016/j.jtct.2023.03.007. Online ahead of print
34. Frait E, Abdel-Azim H, Bhatt NS, Broglie L, Chattha A, Kohorst M, Ktena YP, Lee MA, Long S, Qayed M, Sharma A, Stefanski H, Vatsayan A, Wray L, Hamadani M, Carpenter P. Evaluation of children with malignancies for blood and marrow transplantation: A report from the ASTCT Committee of Practice Guidelines. *Transplant Cell Ther.* 2023. Doi: 10.1016/j.jtct.2023.02.003.
35. Escobar Vasco A, Broglie L, Talano JA, Routes J, Verbsky J, Remiker A. GATA2 deficiency detected by newborn screening for SCID: A case report. *Front Pediatr.* 2023. Doi: 10.3389/fped.2022.1031106.
36. Dvorak CD, Haddad E, Heimall J, Dunn E, Cowan MJ, Pai SY, Kapoor N, Forbes Satter L, Buckley RH, O'Reilly RJ, Chandra S, Bednarski JJ, Williams O, Rayes A, Moore TB, Eben CL, Davila Saldana BJ, Petrovic A, Chellapandian D, Cuvelier GDE, Vander Lugt MT, Caywood EH, Chandrakasan S, Eissa H, Goldman FD, Sherek E, Aquino VM, Desantes KB, Maddad LM, Miller HK, Yu L, Broglie L, Gillio A, Shah AJ, Knutsen AP, Andolina JP, Joshi AY, Szabolcs P, Kapadia M, Martinez CA, Parrott RE, Sullivan KE, Prockop SE, Abraham RS, Thakar MS, Leiding JW, Kohn DB, Pulsipher MA, Griffith LM, Notarangelo LD, Puck JM. The diagnosis of severe combined immunodeficiency: Implementation of the PIDTC 2022 Definitions. *J Allergy Clin Immunol.* 2023;151(2):547-555. Doi:10.1016/j.jaci.2022.10.021
37. Friend BD*, Broglie L*, Logan BR, Chhabra S, Bupp C, Schiller G, Beitinjaneh A, Diaz Perez MA, Guilcher GMT, Hashem H, Hildebrandt GC, Krem MM, Lazarus HM, Nishihori T, Nusrat R, Rotz SJ, Wirk B, Wieduwilt M, Pasquini M, Savani BN, Stadtmauer EA, Sorror ML, Thakar MS. Adapting the HCT-CI definitions for children, adolescents, and young adults with hematologic malignancies undergoing allogeneic hematopoietic cell transplantation". *Transplant Cell Therapy.* 2023;29(2):123.e1-123.e10. Doi: 10.1016/j.jtct.2022.11.019
38. Broglie L*, Friend BD*, Chhabra S, Logan BR, Bupp C, Schiller G, Savani BN, Stadtmauer E, Abraham AA, Aljurf M, Badawy SM, Diaz Perez MA, Guinan EC, Hashem H, Krem MM, Lazarus HM, Rotz SJ, Wirk B, Yared JA, Pasquini M, Thakar MS, Sorror ML. Expanded HCT-CI Definitions Capture Comorbidity Better for Younger Patients of Allogeneic HCT for Nonmalignant Diseases. *Transplant Cell Ther.* 2023;29(2):125.e1-125.e9. Doi: 10.1016/j.jtct.2022.11.020.
39. Auletta JJ, Kou J, Chen M, Bolon YT, Broglie L, Bupp C, Christianson D, Cusatis RN, Devine SM, Eapen M, Hamadani M, Hengen M, Lee SJ, Moskop A, Page KM, Pasquini MC, Perez WS, Phelan R, Riches ML, Rizzo JD, Saber W, Spellman SR, Stefanski HE, Steinert P, Tuschl E, Yusuf R, Zhang MF, Shaw BE. Real-World Data Showing Trends and Outcomes by Race and Ethnicity in Allogeneic Hematopoietic Cell Transplantation: A Report from the Center for International Blood and Marrow Transplant Research. *Transplant Cell Ther.* 2023;29(6):346e1-346e10. doi: 10.1016/j.jtct.2023.03.007.
40. Thakar MS, Logan BR, Puck JM, Dunn EA, Buckley RH, Cowan MF, O'Reilly RJ, Kapoor N, Satter LF, Pai SY, Heimall J, Chandra S, Eben CL, Chellapandian D, Williams O, Burroughs LM, Saldana BD, Rayes A, Madden LM, Chandrakasan S, Bednarski JJ 2nd, DeSantes KB, Cuvelier GDE, Teira P, Gillio AP, Eissa H, Knutsen AP, Goldman FD, Aquino VM, Shereck EB, Moore TB, Caywood EH, Lugt MTV, Rozmus J, Broglie L, Yu LC, Shah AJ, Andolina JF, Liu X, Parrott RE, Dara J, Prockop S, Martinez CA, Kapadia M, Jyonouchi SC, Sullivan KE, Bleesing JJ, Chaudhury S, Petrovic AL, Keller MD, Quigg TC, Parikh S, Shenoy S, Seroogy C, Rubin T, Decaluwe H, Routes JM, Torgerson TR, Leiding JW, Pulsipher MA, Kohn DB, Griffith LM, Haddad E, Dvorak CC, Norarangelo LD. Measuring the Effect of Newborn Screening on Survival After Haematopoietic Cell Transplantation for Severe Combined Immunodeficiency: a 26-year Longitudinal Study from the Primary Immune Deficiency Treatment Consortium. *Lancet.* 2023; 402(10396): 129-140. Doi: 10.1016/S0140-6736(23)00731-6.
41. Leiding JW, Arnold DE, Parikh SH, Logan BR, Marsh RA, Griffith LM, Wu R, Kidd S, Mallhi KK,

- Chellapandian D, Si Lim S, Grunebaum E, Falcone EL, Murguia-Favela L, Grossman D, Prasad VK, Heimall JR, Touzot F, Burroughs L, Blessing J, Kapoor N, Dara J, Williams O, Kapadia M, Oshrine BR, Bednarski JJ, Rayes A, Chong H, Cuvelier GDE, Forbes Satter LR, Martinez C, Vaner Lugt MT, Yu LC, Chandrakasan S, Joshi A, Prockop SE, Davila Saldana BJ, Aquino V, Broglie L, Ebens CL, Madden LM, DeSantes K, Milner J, Rangarajan HG, Shah A, Gilio AP, Knutsen AP, Miller HK, Moore TB, Graham P, Bauchat A, Bunin NG, Teira P, Petrovic A, Chandra S, Abdel-Azim H, Dorsey M, Birbrayer O, Cowan MJ, Dvorak CC, Haddad E, Kohn DB, Notarangelo LD, Pai SY, Puck JM, Pulsipher MA, Torgerson TR, Malech HL, Kang EM. Genotype, Oxidase Status, and Preceding Infection or Autoinflammation Do Not Affect Allogeneic HCT Outcomes for CGD. *Blood*. 2023. Doi: 10.1182/blood.2022019586.
42. Chadresakaran P, Han Y, Zerbe CS, Heller T, DeRavin SS, Kreuzberg SA, Marciano BE, Siu Y, Jones DR, Abraham RS, Stephens MC, Tsou AM, Snapper S, Conlan S, Subramanian P, Quinones M, Grou C, Calderon V, Deming C, Leiding JM, Arnold DE, Logan BR, Griffith LM, Petrovic A, Mousallem TI, Kapoor N, Heimall JR, Barnum JL, Kapadia M, Wright N, Rayes A, Chandra S, Broglie L, Chellapandian D, Deal CL, Grunebaum E, Lim SS, Mallhi K, Marsh RA, Murguia-Favela L, Parikh S, Touzot F, Cowan ML, Dvorak CC, Haddad E, Kohn DB, Norarangelo L, Pai SY, Puck JM, Pulsipher MA, Torgerson TR, Kang EM, Malech HL, Segre JA, Bryant CE, Holland SM, Falcone EL. Intestinal Microbiome and Metabolome Signatures in Patients with Chronic Granulomatous Disease. *J Allergy Clin Immunol*. 2023. Doi:10.1016/j.jaci.2023.07.022
43. Knight TE, Ahn KW, Hebert KM, Atshan R, Wall DA, Chiengthong K, Lund TC, Prestidge T, Rangarajan HG, Dvorak CC, Auletta JJ, Kent M, Hashem H, Talano JA, Rotz SJ, Frait E, Myers KC, Leung W, Sharma A, Bhatt NS, Driscoll TA, Yu LC, Schultz KR, Qayed M, Broglie L, Eapen M, Yanik G. No Impact of CD34+ Cell Dose on Outcome Among Children Undergoing Autologous Hematopoietic Stem Cell Transplant for High-Risk Neuroblastoma. *Bone Marrow Transplant*. 2023. Doi:10.1038/s41409-023-02092-3.
44. Talano JA, Broglie L. Haplo Ever After: Haplo PTCy for Children. *Blood Adv*. 2023;7(18):5637-5638. Doi:10.1182/bloodadvances.2023010755.
45. Eissa H, Thakar MS, Shah AJ, Logan BR, Griffith LM, Dong H, Parrot RE, O'Reilly RJ, Dara J, Kapoor N, Forbes Satter L, Chandra S, Kapadia M, Chandrakasan S, Knutsen A, Jyonouchi SC, Molinari L, Rayes A, Ebens CL, Teira P, Davila Saldana BJ, Burroughs LM, Chaudhury S, Chellapandian D, Gillio AP, Goldman F, Malech HL, DeSantes K, Cuvelier GDE, Rozmus J, Quinones R, Yu LC, Broglie L, Aquino V, Shereck E, Moore TB, Vander Lugt MT, Mousallem TI, Oved JH, Dorsey M, Abdel-Azim H, Martinez C, Blessing JF, Prockop S, Kohn DB, Bednarski JJ, Leiding J, Marsh RA, Torgerson T, Notarangelo LD, Pai SY, Pulsipher MA, Puck JM, Dvorak CC, Haddad E, Buckley RH, Cowan MG, Heimall J. Posttransplantation late complications increase over time for patients with SCID: A Primary Immune Deficiency Treatment Consortium (PIDTC) landmark study. *J Allergy Clin Immunol*. 2024;153(1):287-296. Doi: 10.1016/j.jaci.2023.09.027
46. Grunebaum E, Arnold DE, Logan B, Parikh S, Marsh RA, Griffith LM, Mallhi K, Chellapandian D, Lim SS, Deal CL, Kapoor N, Murguia-Favela L, Falcone EL, Prasad VK, Touzot F, Blessing JJ, Chandrakasan S, Heimall JR, Bednarski JJ, Broglie LA, Chong HJ, Kapadia M, Prockop S, Davila Saldana BJ, Schaefer E, Bauchat AL, Teira P, Chandra S, Parta M, Cowan MJ, Dvorak CC, Haddad E, Kohn DB, Notarangelo LD, Pai SY, Puck JM, Pulsipher MA, Torgerson TR, Malech HL, Kang EM, Leiding JW. Allogeneic hematopoietic cell transplantation is effective for p47phox chronic granulomatous disease: A Primary Immune Deficiency Treatment Consortium study. *J Allergy Clin Immunol*. 2024;153(5):1423-1431.e2 doi:10.1016/j.jaci.2024.01.013
47. Abraham RS, Basu A, Heimall JR, Dunn E, Yip A, Kapadia M, Kapoor N, Satter LF, Buckley R, O'Reilly R, Cuvelier GDE, Chandra S, Bednarski J, Chaudhury S, Moore TB, Haines H, Davila Saldana BJ, Chellapandian D, Rayes A, Chen K, Caywood E, Chandrakasan S, Lugt MTV, Ebens C, Teira P, Shereck E, Miller H, Aquino V, Eissa H, Yo LC, Gillio A, Madden L, Knutsen A, Shah AJ, DeSantes K, Barnum J, Broglie L, Joshi AY, Kleiner G, Dara J, Prockop S, Martinez C, Mousallem T, Oved J, Burroughs L, Marsh R, Torgerson TR, Leiding JW, Pai SY, Kohn DB, Pulsipher MA, Griffith LM, Notarangelo LD, Cowan MJ, Puck J, Dvorak CC, Haddad E. Relevance of lymphocyte proliferation to PHA in severe combined immunodeficiency (SCID) and T cell lymphopenia. *Clin Immunol*. 2024;261:109942 doi: 10.1016/j.clim.2024.109942
48. Bhatt NS, Meyer CL, Mau LW, Auletta JJ, Baker KS, Broglie L, Carpenter PA, Choi SW, Dandoy CE, Devine S, Phelan R. Return to school practices after hematopoietic cell transplantation: a survey of transplant centers in the United States. *Bone Marrow Transplant*. 2024;39(5):653-659. Doi:

- 10.1038/s41409-024-02239
49. Shimano KA, Rothman JA, Allen SW, Castillo P, de Jong JLO, Geddis AE, Lau BW, McGuinn C, Narla A, Overholt K, Pereda MA, Shraithkumar A, Sasa G, Nakano TA, Myers K, Gloude NJ, Broglie L, Boklan J. Treatment of newly diagnosed severe aplastic anemia in children: Evidence-based recommendations. *Pediatr Blood Cancer*. 2024;71(8):e31070 doi: 10.1002/pbc.310701
 50. Shimano KA, Sasa G, Broglie L, Gloude NJ, Myers K, Nakano TA, Sharathkumar A, Rothman JA, Pereda MA, Overholt K, Narla A, McGuinn C, Lau BW, Geddis AE, Dror Y, de Jong JLO, Castillo P, Allen SW, Boklan J. Treatment of relapsed/refractory severe aplastic anemia in children: Evidence-based recommendations. *Pediatr Blood Cancer*. 2024;71(8):e31075 doi: 10.1002/pbc.31075
 51. Bolon YT, Atshan R, Allbee-Johnson M, Estrada-Merly N, Auletta JJ, Broglie, Cusatis R, Page KM, Phelan R, Sajulga R Jr, Shaw BE, Spahn A, Steinert P, Stewart V, Vierra-Green C, Lee SJ, Spellman SR. Leveraging Hematopoietic Cell Transplant Data and Biorepository Resources at the Center for International Blood and Marrow Transplant Research to Improve Patient Outcomes. *Transplant Cell Ther*. 2024. Doi:10.1016/j.jtct.2024.06.010
 52. Cusatis R, Litovich C, Feng Z, Allbee-Johnson M, Kapfhammer M, Mattila D, Akinola I, Phelan R, Broglie L, Auletta JJ, Steinert P, Bolon YT, Akhtar O, Bloomquist J, Chen M, Devine SM, Bupp C, Hamadani M, Hengen M, Jaglowski S, Kaur M, Kuxhausen M, Lee SJ, Moskop A, Page KM, Pasquini MC, Rizzo D, Saber W, Spellman SR, Stefanski HE, Tuschl E, Yusuf R, Zhan K, Flynn KE, Shaw BE. Current trends and outcomes in cellular therapy activity in the United States, including prospective Patient Reported Outcomes data collection within the CIBMTR registry. *Transplant Cell Ther*. 2024. Doi:10.1016/j.jtct.2024.06.021
 53. Marchak JG, Beauchemin MP, Broglie L, Kelly KP, Seelisch J, Dupuis LL. Impact of the Children's Oncology Group's supportive care clinical practice guideline endorsement program: An institutional survey. *Pediatr Blood Cancer*. 2024;71(10):e31178. Doi: 10.1002/pbc.31178
 54. Kahn J, Brazauskas R, Bo-Subait S, Buchbinder D, Hamilton BK, Schoemans H, Abraham AA, Agrawal V, Auletta JJ, Badawy SM, Beitinjaneh A, Bhatt NS, Broglie L, Diaz Perez MA, Farhadfar N, Freytes CO, Gale RP, Ganguly S, Hayashi RJ, Hematti P, Hindebrandt GC, Inamoto Y, Kamble RT, Koo J, Lazarus HM, Mayo SJ, Mehta PA, Myers KC, Nishihori T, Prestidge T, Rotz SJ, Savani BN, Schears RM, Sharma A, Stenger E, Ustun C, Williams KM, Vrooman LM, Satwani P, Phelan R. Late effects after allogeneic haematopoietic cell transplantation in children and adolescents with non-malignant disorders: a retrospective cohort study. *Lancet Child Adolesc Health*. 2024;8(10):740-750. Doi:10.1016/S2352-4642(24)00167-6.

Books, Chapters, and Reviews

1. Broglie L, Margolis D, Medin JA. Yin and Yang of Mesenchymal Stem Cells and Aplastic Anemia. *World J Stem Cells*. 2017; 9(12): 219-226. doi: 10.4252/wjsc.v9.i12.219
2. Broglie L*, Taraseviciute A*, Phelan R, Bhatt N, Becktell K, Burke M. What is the Role of Hematopoietic Cell Transplantation (HCT) for Pediatric Acute Lymphoblastic Leukemia (ALL) in the Age of Chimeric Antigen Receptor T-Cell (CART) Therapy? *J Pediatr Hematol Oncol*. 2019; 41(5): 337-344. doi: 10.1097/MPH.0000000000001479. PMID: 30973486(co-first author).
3. Broglie L (2022) *Pediatric Hematology/Oncology Secrets 2nd Edition*. "Malignant Hematopoietic Cell Transplant". Elsevier Publishing. Paperback ISBN: 9780323810470
4. Vasco AU, Talano JA, Broglie L. Hemopagocytic Lymphohistiocytosis in Adolescents and Young Adults: Genetic Predisposition and Secondary Disease. *Med Clin North Am*. 2024; 108(1):189-200. Doi:10.1016/j.mcna.2023.05.01

Abstracts

1. Stem Cell Transplant (HSCT) in Pediatric CML – Is transplantation the standard of care? The Children's Memorial Hospital experience Sonali Chaudhury, Larisa Broglie, Alfred W Rademaker, Irene B Helenowski, Karina Danner-Koptik, Joanna Weinstein, Reggie Duerst, Morris Kletzel, Elaine Morgan, Kimberley Dilley and Nobuko Hijiya. Poster presented at the ASBMT/CIBMTR. 2012
2. Survival after Hematopoietic Stem Cell Transplantation (HSCT) or Tyrosine Kinase Inhibitors (TKI) in Children with Chronic Myeloid Leukemia Sonali Chaudhury, Larisa Broglie, Alfred W Rademaker, Irene B Helenowski, Karina Danner-Koptik, Joanna Weinstein, Reggie Duerst, Morris Kletzel, Elaine Morgan, Kimberley Dilley and Nobuko Hijiya. Poster presented at ASPHO. 2012
3. Prevalence of Abdominal Pain Related Functional Gastrointestinal Disorders in Pediatric Recipients of Hematopoietic Stem Cell Transplant Sonali Chaudhury, Larisa Broglie, Karina Danner-Koptik,

- Kimberly Dilley, Morris Kletzel, Miguel Saps. Prevalence of Abdominal Pain Related Functional Gastrointestinal Disorders in Pediatric Recipients of Hematopoietic Stem Cell Transplant. *Biology of Blood and Marrow Transplant*, Vol. 19, Issue 2, S212. Presented at ASBMT February, 2013
4. Survival after Hematopoietic Stem Cell Transplantation (HSCT) or Tyrosine Kinase Inhibitors (TKI) in Children with Chronic Myeloid Leukemia(CML) in Chronic Phase: A Single Institution Experience
Sonali Chaudhury, Larisa Broglie, Alfred W Rademaker, Irene B Helenowski, Karina Danner-Koptik, Joanna Weinstein, Reggie Duerst, Morris Kletzel, Elaine Morgan, Kimberley Dilley and Nobuko Hijjiya. Poster presented at the European School of Hematology Conference on Chronic Myeloid Leukemia. 2013
 5. Growth and Bone Health after Hematopoietic Stem Cell Transplantation or Tyrosine Kinase Inhibitors in Children with Chronic Myeloid Leukemia: A Single Institution Experience
Dilley K, Broglie L, Chaudhury S, Hijjiya N. Poster presented at the International Conference on Children's Bone Health. 2013
 6. Predicting Relapse post-Hematopoietic Stem Cell Transplant for Pediatric AML and MDS
Larisa Broglie MD, Irene Helenowski MD, Larry Jennings MD PhD, Kristian Schafernak MD, Reggie Duerst MD, William T. Tse MD PhD, Morris Kletzel MD, Jennifer Schneiderman MD, Sonali Chaudhury MD
Poster presented at the ASBMT/CIBMTR meeting February 2015
 7. Fecal calprotectin – a useful tool to predict steroid responsiveness of gastrointestinal acute graft versus host disease
Larisa Broglie MD, Alfred Rademaker, John Galvin MD, Ayita Ray MD, William T. Tse MD, Reggie Duerst MD, Jennifer Schneiderman MD,MS, Morris Kletzel MD, Sonali Chaudhury MD
Poster presented at the ASBMT/CIBMTR meeting February 2016
Poster presented at ASPHO meeting April 2016
 8. Trajectories of Children's Health-Related Quality of Life after Myeloimmuno Ablative Conditioning Familial Haploidentical T-Cell Depleted with T-Cell Addback Stem Cell Transplantation for Poor Risk SCD
Parsons SK, Rodday AM, Weidner RA, Morris E, Moore TB, Shenoy S, Talano J-A, Broglie L, Minzer S, Fabricatore S, Braniecki S, Cairo MS
Poster presented at CIBMTR/ASBMT Tandem meeting February 2017
 9. Stabilization of Pulmonary Function in Pediatric and Young Adult Sickle Cell Disease (SCD) Recipients undergoing Myelo-Immunesuppressive (MIC) and Familial Haploidentical (FHI) Transplantation Enriched CD34 Selection and T-cell Add-Back
Broglie L, Talano JA, Moore T, Shenoy S, Mahanti H, Morris E, Horowitz T, Fabricatore S, Abikoff C, Dozor A, Cairo M
Poster presented at PBMT/ASPHO meeting April 2017
 10. Treatment of Pulmonary Disease post HCT with High Dose Steroids at the Children's Hospital of Wisconsin
Simon Newsom, Allison Bock, Larisa Broglie, Michelle Leveque, Julie-An Talano
Poster presented at PBMT/ASPHO meeting April 2017
 11. Spontaneous improvement of severe T cell lymphopenia detected by newborn screening.
Broglie L, Thakar M, Verbsy J, Routes J. Oral presentation at Primary Immune Deficiency Treatment Consortium (PIDTC) meeting May 2017
 12. Broglie L, Pommert L, Rao S, Thakar M, Phelan R, Margolis D, Talano JA. Ruxolitinib for Treatment of Refractory Hemophagocytic Lymphohistiocytosis. *Blood Adv*. 2017; 1(19): 1533-1536. doi: 10.1182/bloodadvances.2017997526.
 13. Broglie L, Phelan R, Talano J. First report that prior ECMO therapy does not preclude hematopoietic cell transplantation. *Pediatr Hematol Oncol*. 2018; 35(4): 245-249. doi:10.1080/08880018.2018.1505989
 14. Evaluation of the Hematopoietic Cell Comorbidity Index (HCT-CI) in Recipients of Allogeneic Transplantation for Non-Malignant Diseases.
Broglie L, Thakar M, Logan B, Artz A, Jacobsohn D, Bunin N, Burroughs L, Martinez C, Nelson A, Woolfrey A, Pasquini M, Sorrow M. Oral presentation to given at CIBMTR/ASBMT Tandem meeting February 2018
 15. Evaluation of the Hematopoietic Cell Transplantation Comorbidity Index in Recipients of Allogeneic Transplantation for Non-Malignant Diseases.
Monica Thakar, Larisa Broglie, Brent Logan, Andrew Artz, David Jacobsohn, Nancy Bunin, Lauri Burroughs, Caridad Martinez, Adam Nelson, Ann Woolfrey, Marcelo Pasquini, Mohamed Sorrow. Oral Presentation at the European Society for Blood and Marrow Transplant (EBMT) Conference, March 2018
 16. Evaluation of the Hematopoietic Cell Transplant Comorbidity Index (HCT-CI) in Recipients of Allogeneic Transplantation for Immune Deficiencies.
Larisa Broglie, Monica Thakar, Brent Logan, Andrew Artz, David Jacobsohn, Nancy Bunin, Lauri Burroughs, Caridad Martinez, Adam Nelson, Ann Woolfrey, Marcelo Pasquini, Mohamed Sorrow. Oral Presentation at the Primary Immune Deficiency Treatment Consortium (PIDTC) meeting May 2018

17. Pre-Transplant Predictors of Cost of First Hospitalization for Pediatric Allogeneic Hematopoietic Cell Transplantation (alloHCT). Larisa Broglie, Zhezhen Jin, Prakash Satwani. Poster presented at Transplantation and Cellular Therapy Meetings (TCT) of ASBMT and CIBMTR, February 2019
18. Broglie L, Gershan J, Burke M. Check-point Inhibition of PD-L1 and CTLA-4 in a Child with Refractory Acute Leukemia. *Int J Hematol Oncol* 2019; 8(1):IJH10. doi: 10.2217/ijh-2018-0009
19. Broglie L, Vitola B, Thakar MS, Basel D, Szabo S, Agni R, Talano JA. Hemophagocytic Lymphohistiocytosis mimicking neonatal hemochromatosis. *Pediatr Hematol Oncol*. 2019. Doi:10.1080/08880018.2019/1654051
20. Cellular Therapies for Pediatric Acute Lymphoblastic Leukemia. Larisa Broglie Oral Presentation at the Transplantation and Cellular Therapy Meetings (TCT) of ASBMT and CIBMTR, February 2019
21. Mahajan R, Lipton M, Broglie L, Jain NG, Uy NS. Eculizumab treatment for renal failure in a pediatric patient with COVID-19. *J Nephrol*. 2020; doi: 10.1008/s40620-020-00858-2.
22. Philips L, Pavisic J, Kaur D, Dorrello NV, Broglie L, Hijiya N. Successful management of SARS-CoV-2 acute respiratory distress syndrome and newly diagnosed acute lymphoblastic leukemia. *Blood Adv*. 2020; 4(18): 4358-4361. Doi: 10.1182/bloodadvances.2020002745.