



**Texas Children's Cancer & Hematology Center**  
**Pediatric Hematology/Oncology Fellowship Program**  
**Fellows Graduates 2014 to 2026**  
[texaschildrens.org/hemoncfellowship](http://texaschildrens.org/hemoncfellowship)



| NAME                         | FELLOWSHIP DATES | RESEARCH PROJECT                                                                                                                | RESEARCH MENTOR                | RESIDENCY PROGRAM                                                                                         | CURRENT POSITION                                                                                                                            | CURRENT EMPLOYER                                                          |
|------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Paul Castillo Caro, MD       | 2011-2014        | Understanding the T cell response to mucormycosis                                                                               | Catherine Bollard, M.B.ChB, MD | Indiana University School of Medicine                                                                     | Clinical Assistant Professor, Pediatric Hematology-Oncology; Bone Marrow Transplant                                                         | University of Florida Health Science Center - Gainesville/Shands Hospital |
| Christopher DeRenzo, MD, MBA | 2011-2014        | B7-H3-Engager T cells for the immunotherapy of pediatric solid tumors                                                           | Stephen Gottschalk, MD         | Case Western Reserve, Rainbow Babies and Children's Hospital                                              | Assistant Member, Bone Marrow Transplant Department                                                                                         | St. Jude Children's Research Hospital                                     |
| Olive Eckstein, MD           | 2011-2014        | Role of DNMT3A in hematologic malignancy                                                                                        | Margaret "Peggy" Goodell, PhD  | Children's Hospital Boston/Boston Combined Residency Program in Pediatrics                                | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                                                               | Baylor College of Medicine/Texas Children's Cancer and Hematology Center  |
| Joseph Lubega, MD, MPH       | 2011-2014        | Association of population mixing and incidence of acute lymphocytic leukemia in children and young adults in the State of Texas | Michael Scheurer, PhD, MPH     | Newark Beth Israel Medical Centre                                                                         | Associate Professor, Department of Pediatrics, Section of Hematology-Oncology; Associate Director, East Africa Pediatric                    | Baylor College of Medicine/Texas Children's Cancer and Hematology Center  |
| Rayne Rouce, MD              | 2011-2014        | NK-cell immune evasion in childhood B acute lymphoblastic leukemia is TGF-B mediated: Implications for Immunotherapy            | Karen Rabin, MD, PhD           | The University of Texas Medical Branch                                                                    | Associate Professor, Department of Pediatrics, Section of Hematology-Oncology; Associate Director, Community Engagement Office of Diversity | Baylor College of Medicine/Texas Children's Cancer and Hematology Center  |
| Mireya Paulina Velasquez, MD | 2011-2014        | Targeting CD19 and malignancies with Engager T Cells                                                                            | Stephen Gottschalk, MD         | Baylor College of Medicine                                                                                | Assistant Member, Bone Marrow Transplant Department                                                                                         | St. Jude Children's Research Hospital                                     |
| Saleh Bhar, MD               | 2012-2015        | De Novo RPS20 mutations in two patients with Diamond-Blackfan Anemia                                                            | Alison Bertuch, MD, PhD        | Golisano Children's Hospital at Upstate Medical University / American University of Beirut Medical Center | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology and Pediatric Critical Care                                   | Baylor College of Medicine/Texas Children's Cancer and Hematology Center  |
| Kevin Bielałowicz, MD        | 2012-2015        | Universal CAR T cells offset antigen escape and treat tumor recurrence in glioblastoma                                          | Nabil Ahmed, MD                | University of Arkansas for Medical Sciences                                                               | Associate Professor, Pediatric Hematology Oncology Medical Director, Brain Tumor Clinic                                                     | University of Arkansas for Medical Sciences/Arkansas Children's Hospital  |
| Challice Bonifant, MD, PhD   | 2012-2015        | Engager T cells: A Novel Immunotherapeutic for AML                                                                              | Stephen Gottschalk, MD         | Johns Hopkins                                                                                             | Assistant Professor of Oncology                                                                                                             | Johns Hopkins University/Sidney Kimmel Cancer Center                      |

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| Holly Lindsay, MD, MS     | 2012-2015        | Targeted therapeutics in pediatric malignant brain tumors: Demonstration of pre-clinical treatment efficacy and development of relevant patient tumor-derived orthotopic xenograft models | Xiao Nan-Li, MD, PhD / Stacey Berg, MD | Children's Hospital Los Angeles                                                   | Associate Professor                                                                                                          | University of Colorado Medicine                                          |
| Robin Parihar, MD, PhD    | 2012-2015        | Enhancing the viability, function, and safety of genetically enhanced NK cells within the solid tumor microenvironment with IL-15 and a suicide gene                                      | Cliona Rooney, PhD                     | Cleveland Clinic Children's Hospital                                              | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                                                | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Hari Sankaran, MD         | 2012-2015        | The role of early immunologic challenges in childhood rhabdomyosarcoma                                                                                                                    | Michael Scheurer, PhD, MPH             | Baylor College of Medicine                                                        | Medical Officer, Division of Cancer Treatment and Diagnosis                                                                  | National Institutes of Health Clinical Center                            |
| Sarah Sartain, MD         | 2012-2015        | TNF regulates essential alternative complement pathway components in human glomerular endothelial cells                                                                                   | Joel Moake, MD                         | Harvard Medical School / Boston University/Children's Hospital and Medical Center | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology<br>Director, Hemostasis and Thrombosis Program | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Sarah Whittle, MD         | 2012-2015        | The impact of FGFR4 Arg388 on neuroblastoma incidence, outcome and response to treatment                                                                                                  | Peter Zage, MD, PhD                    | Brown University / Hasbro Children's Hospital                                     | TBD                                                                                                                          | St. Jude Children's Research Hospital                                    |
| Paibel Aguayo-Hiraldo, MD | 2013-2016        | Adoptive immunotherapy for prevention and treatment of parainfluenza virus 3 infection post                                                                                               | Ann Leen, PhD                          | University of South Florida                                                       | Assistant Professor of Clinical Pediatrics                                                                                   | Children's Hospital of Los Angeles                                       |
| Abhishek Bavle, MD        | 2013-2016        | Impact of whole exome sequencing results on clinical decision-making for pediatric solid tumor patients: A survey of pediatric oncologists                                                | Donald "Will" Parsons, MD, PhD         | University of Louisville                                                          | Oncology Clinical Director, Merck Research Laboratories                                                                      | Dell Children's Medical Group                                            |
| Titilope Fasipe, MD, PhD  | 2013-2016        | The role of Vimentin in von Willebrand Factor-mediated erythrocyte adhesion and sickle cell pathophysiology                                                                               | Miguel Cruz, PhD                       | Cincinnati Children's Hospital Medical Center                                     | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology; Co-Director, Sickle Cell Program              | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Amanda Grimes, MD         | 2013-2016        | The immune microenvironment in pediatric Hodgkin lymphoma                                                                                                                                 | Carl Allen, MD, PhD                    | Baylor College of Medicine                                                        | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology; Associate Director, Clinical Division         | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Daniel Landi, MD          | 2013-2016        | Reversing the inhibitory PD-1/PD-L1 immune checkpoint to improve the functionality of chimeric antigen                                                                                    | Nabil Ahmed, MD                        | Duke University Medical Center                                                    | Assistant Professor of Pediatrics                                                                                            | Duke University Medical Center                                           |
| Mary Carroll Shapiro, MD  | 2013-2016        | Identification and targeting of molecular aberrations contributing to pediatric bone sarcoma therapeutic resistance                                                                       | Jason Yustein, MD, PhD                 | Cincinnati Children's Hospital Medical Center                                     | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology; Vice Chair, Practice Standards                | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |



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| Sibo Zhao, MD           | 2013-2016        | Lysine specific demethylase-1 inhibitors as potential novel therapeutic agents against pediatric ependymoma                      | Xiao Nan-Li, MD, PhD                                | University of Texas Health Science Center at San Antonio | Medical Director, Neuro-Oncology                                                                          | Cook Children's Medical Center                                           |
| Daniel Zinn, MD         | 2013-2016        | ERK activation at critical stages of dendritic cell development defines clinical manifestations of Langerhans Cell Histiocytosis | Carl Allen, MD, PhD                                 | Loyola University                                        | Pediatric Hematology-Oncology                                                                             | Lehigh Valley Hospital-Cedar Crest                                       |
| Jennifer Agrusa, MD, MS | 2014-2017        | Risk for pulmonary late effects in survivors of childhood Hodgkin lymphoma                                                       | Monica Gramatges, MD, PhD / Alison Bertuch, MD, PhD | Montefiore Medical Center                                | Clinical Assistant Professor                                                                              | CS Mott Children's Hospital/University of Michigan Health                |
| Saman Hashmi, MD        | 2014-2017        | The unfolded protein response as a predictor of chemosensitivity in pediatric acute leukemia                                     | Terzah Horton, MD, PhD                              | University of Illinois College of Medicine               | Pediatric Residency Site Director, Hematology/Oncology                                                    | St. Jude Children's Research Hospital                                    |
| Sarah Injac, MD, PhD    | 2014-2017        | A pilot study of digoxin in patients with recurrent pediatric high grade glioma and medulloblastoma                              | Xiao Nan-Li, MD, PhD                                | Baylor College of Medicine                               | Medical Director                                                                                          | Nurix Therapeutics                                                       |
| Shoba Navai, MD         | 2014-2017        | Systematic comparison of retroviral and lentiviral gene transfer for production of chimeric antigen receptor (CAR) T cells       | Nabil Ahmed, MD                                     | Baylor College of Medicine                               | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                             | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Samara Potter, MD, MBA  | 2014-2017        | Renal cell carcinoma harboring somatic TSC2 mutations in a child with methylmalonic acidemia                                     | Donald "Will" Parsons, MD, PhD                      | Baylor College of Medicine                               | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                             | Nationwide Children's Hospital/The Ohio State University                 |
| Valeria Smith, MD       | 2014-2017        | Investigating AZD4547's activity in pediatric solid tumors                                                                       | Peter Zage, MD, PhD / Heidi Russell, MD, PhD        | Baylor College of Medicine                               | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                             | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Jade Wulff, MD          | 2014-2017        | Targeting integrin-mediated signaling in metastatic Ewing sarcoma                                                                | Jason Yustein, MD, PhD                              | University of Minnesota                                  | Medical Director                                                                                          | Genentech                                                                |
| Alicia Chang, MD        | 2015-2018        | Developing novel sickle cell disease therapeutics                                                                                | Vivien Sheehan, MD, PhD                             | Columbia University – New York Presbyterian              | Assistant Professor                                                                                       | Dell Medical School                                                      |
| Clay Cohen, MD          | 2015-2018        | Novel endothelial cell-based model of human intrinsic coagulation                                                                | Joel Moake, MD                                      | University of Alabama at Birmingham                      | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology; Co-Director, Young Women's | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Erin Doherty, MD        | 2015-2018        | Engager T cell for the adoptive immunotherapy of CD123-positive hematological malignancies                                       | Stephen Gottschalk, MD / Paulina Velasquez, MD      | Floating Hospital for Children at Tufts Medical Center   | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                             | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Taylor Kim, MD          | 2015-2018        | Genetic variants and gene expression differences in acute and chronic immune thrombocytopenia                                    | Jenny Despotovic, DO                                | Indiana University School of Medicine                    | Assistant Professor                                                                                       | Children's Hospital of Los Angeles                                       |



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| Matthew Miller, MD     | 2015-2018        | Examining aberrant methylation patterns on RAS-pathway mutations through co-occurring TET2 loss-of-function mutations using a novel | Rachel Rau, MD                                   | University of New Mexico                                                | Assistant Professor, Pediatric Hematology-Oncology, School of Medicine                  | Oregon Health and Science University                                                                                                                                                |
| Shawki Qasim, MD       | 2015-2018        | Role of p21-activated kinases in Ewing sarcoma development and progression                                                          | Jason Yustein, MD, PhD                           | University of Iowa Hospitals and Clinics                                | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology           | Baylor College of Medicine/Texas Children's Cancer and Hematology Centers                                                                                                           |
| Netta Schneller, MD    | 2015-2018        | Natural killer T cells expressing glypican-3 specific CARS as effective treatment in pediatric solid tumors                         | Andras Heczey, MD                                | Children's Hospital at Montefiore / Albert Einstein College of Medicine | Assistant Professor of Pediatrics, Division of Pediatric Hematology-Oncology            | Baylor College of Medicine/Texas Children's Cancer and Hematology Center                                                                                                            |
| David Steffin, MD      | 2015-2018        | Engineering T cells as an immunotherapy for glioblastoma                                                                            | Stephen Gottschalk, MD                           | Maimonides Medical Center                                               | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology           | Baylor College of Medicine/Texas Children's Cancer and Hematology Center                                                                                                            |
| Stephanie Fetzko, MD   | 2016-2019        | Enhancement of tumor microenvironment-targeted NK cell function for the treatment of pediatric sarcomas                             | Robin Parihar, MD, PhD                           | University of Michigan                                                  | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology           | Baylor College of Medicine/Texas Children's Cancer and Hematology Centers                                                                                                           |
| Katie Greenwood, MD    | 2016-2019        | Targeting MYCN-driven glutamine metabolism to restore sensitivity to mTORC1 inhibition in neuroblastoma                             | Eveline Barbieri, MD, PhD                        | University of Nebraska Medical Center                                   | Physician, Pediatrics, Hematology-Oncology                                              | Childrens Minnesota                                                                                                                                                                 |
| HyoJeong Han, MD       | 2016-2019        | Understanding the role of Interleukin-6 and megakaryocytes on antibiotic-associated bone marrow suppression                         | Katherine King, MD, PhD                          | Children's Hospital of Pittsburgh                                       | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology           | Children's National                                                                                                                                                                 |
| Casey McAtee, MD, MPH  | 2016-2019        | Identifying molecular targets for Kaposi sarcoma in children                                                                        | Carl Allen, MD, PhD / Michael Scheurer, PhD, MPH | Louisiana State University Health Sciences Center                       | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology           | Baylor College of Medicine/Texas Children's Cancer and Hematology Center                                                                                                            |
| Dolores Mullikin, MD   | 2016-2019        | Radiation priming for improved anti-tumor activity of Her-2 CAR T cells for brain tumors                                            | Meena Hegde, MD / Nabil Ahmed, MD                | The University of Texas Health Science Center San Antonio               | Assistant Professor, Department of Pediatrics; Adjunct Assistant Professor              | John A. Burns Medical School, Kapi'olani Medical Center for Women & Children, Honolulu, Hawaii; Baylor College of Medicine/Texas Children's Cancer and Hematology Center - Research |
| Nisha Rathore, MD      | 2016-2019        | Obesity risk prediction and metabolic phenotyping in childhood leukemia                                                             | Philip Lupo, PhD, MPH                            | University of Alabama at Birmingham                                     | Pediatrician                                                                            | Kelsey-Seybold                                                                                                                                                                      |
| Elizabeth Seashore, MD | 2016-2019        | Identifying targetable markers and pathways for pediatric acute myeloid leukemia stem cells                                         | Michele Redell, MD, PhD                          | New York Presbyterian / Columbia University Medical Center              | Assistant Professor<br>Pediatric hematologist-oncologist and palliative care specialist | UCSF Benioff Children's Hospital                                                                                                                                                    |

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| Michelle Ting, MD         | 2016-2019        | Genomic analysis of MYOD1-mutant soft-tissue sarcomas: emerging therapeutic targets and development of a preclinical xenograft model                                              | Donald "Will" Parsons, MD, PhD                | University of Texas Southwestern Medical School | Clinical Assistant Professor, Pediatrics<br>Attending Physician, Cancer and Blood Disorders Center | Seattle Children's Hospital                                              |
| Kelsey Bertrand, MD       | 2017-2020        | Enhancer remodeling mediates antigen loss during HER2 CAR-T cell therapy of high-risk brain tumors                                                                                | Steve Mack, PhD / Sharon Plon, MD, PhD, FACMG | Cleveland Clinic Children's Hospital            | Assistant Professor, Neuro Oncology                                                                | St. Jude Children's Research Hospital                                    |
| Matthew Campbell, MD      | 2017-2020        | Unfolding antigen escape and resistance to CAR-T cell therapy in osteosarcoma                                                                                                     | Nabil Ahmed, MD / Meena Hegde, MD             | Vanderbilt University                           | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                      | UT Southwestern Medical Center                                           |
| Shannon Conneely, MD      | 2017-2020        | Role of the cohesion complex in core binding factor AML                                                                                                                           | Rachel Rau, MD                                | Cincinnati Children's Hospital                  | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                      | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Emily Hsieh, MD           | 2017-2020        | Optimization of chimeric antigen receptor-modified virus-specific T cells as treatment for refractory                                                                             | Cliona Rooney, PhD                            | Floating Hospital for Children                  | Attending Physician, Hematology, Oncology and Blood and Marrow Transplantation                     | Children's Hospital of Los Angeles                                       |
| Michael "Ross" Mangum, MD | 2017-2020        | Utilization of circulating tumor DNA as a real-time, liquid biopsy for pediatric solid tumors                                                                                     | Donald "Will" Parsons, MD, PhD                | Nationwide Children's Hospital                  | Assistant Professor                                                                                | Phoenix Childrens Hospital                                               |
| Lauren Scherer, MD        | 2017-2020        | Dual-specific chimeric antigen receptor (CAR) T cells for the treatment of T-cell malignancies                                                                                    | Max Mamonkin, PhD / Malcom Brenner, MD, PhD   | Indiana University                              | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                      | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Omar Shakeel, MD          | 2017-2020        | Environmental determinants of pediatric cancers                                                                                                                                   | Philip Lupo, PhD, MPH                         | Emory University                                | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                      | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Mark Zobeck, MD, MPH      | 2017-2020        | Pharmacogenomic analysis of methotrexate toxicity in pediatric patients with acute lymphoblastic leukemia: Determining toxicity risk, clinical outcomes, and resource utilization | Michael Scheurer, PhD, MPH                    | Baylor College of Medicine                      | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                      | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Maria Castellanos, MD     | 2018-2021        | The role of genetic ancestry and neighborhood deprivation on childhood acute myeloid leukemia survival disparities                                                                | Michael Scheurer, PhD, MPH                    | Stanford University                             | Assistant Clinical Professor, Department of Pediatrics, UCSF Pediatric Malignancies                | University of California, San Francisco                                  |
| Megan Gilbert, MD         | 2018-2021        | Reduction of adverse events and representation to medical care after intravenous immunoglobulin treatment in children with immune thrombocytopenia with a scheduled               | Jenny Despotovic, DO                          | Stanford University                             | Clinical Assistant Professor, Pediatrics Hematology and Oncology                                   | Stanford Medicine Children's Health                                      |



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| Emily Heikamp, MD, PhD      | 2018-2021        | N/A-transferred to Boston Children's during fellowship                                                                                                                     | N/A-transferred to Boston Children's during fellowship | Baylor College of Medicine                                                        | Instructor, Pediatric Hematology-Oncology and Stem Cell Transplantation, Dana-Farber Cancer Institute | Dana-Farber Cancer Institute                                             |
| Matthew McEvoy, MD          | 2018-2021        | Exploring the descriptive and genetic epidemiology of pediatric rhabdomyosarcoma: studies from the National Program of Cancer Registries and the Children's Oncology Group | Philip Lupo, PhD, MPH                                  | University of Colorado                                                            | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                         | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Thomas Pfeiffer, MD         | 2018-2021        | Enhancing tumor directed T-cells with a co-stimulatory receptor                                                                                                            | Bilal Omer, MD                                         | Cincinnati Children's Hospital Medical Center                                     | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                         | Washington University                                                    |
| Zachary Prudowsky, MD       | 2018-2021        | Investigating aberrant O-type glycosylation as a mechanism of chemotherapy resistance and metastasis in pediatric osteosarcoma                                             | Jason Yustein, MD, PhD                                 | Nationwide Children's Hospital / The Ohio State University Division of Pediatrics | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                         | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Xavier Rios, MD, PhD        | 2018-2021        | High-throughput CAR-NKT library screen for improving neuroblastoma immunotherapy                                                                                           | Leonid Metelitsa, MD, PhD                              | Baylor College of Medicine                                                        | Instructor, Department of Pediatrics, Section of Hematology-Oncology                                  | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Austin Stuckert, MD         | 2018-2021        | Probing the requirement of canonical NF-kB activity in C11ORF95-RELA ependymoma                                                                                            | Steve Mack, PhD / Donald "Will" Parsons, MD, PhD       | Baylor College of Medicine                                                        | Assistant Professor, Co-Director of the Neuro-Oncology Program                                        | University of Wisconsin                                                  |
| Shreya Agarwal, MD          | 2019-2022        | Exploring the role of thrombomodulin in complement thrombotic microangiopathy                                                                                              | Sarah Sartain, MD                                      | Rutgers New Jersey Medical School                                                 | Assistant Professor, Pediatric Hematology                                                             | University of California, San Francisco                                  |
| Shaniqua Anum (Johnson), MD | 2019-2022        | Determining clinical severity and molecular profiles of acute chest syndrome in sickle cell disease                                                                        | Jonathan Flanagan, PhD                                 | Ann & Robert H. Lurie Children's Hospital of Chicago                              | Instructor, Department of Pediatrics, Section of Hematology-Oncology                                  | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Michelle Choe, MD           | 2019-2022        | Disrupting the HGF-cMET axis to augment anti-tumor activity of HER2 CAR T cells                                                                                            | Meena Hegde, MD                                        | University of California, Children's Hospital of Orange County                    | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology                         | Fred Hutchinson / Seattle Children's Hospital                            |
| Kristen Kurtz, MD           | 2019-2022        | The role of chromatin structure in the evolution of TAM to AMKL                                                                                                            | Rachel Rau, MD                                         | University of California Irvine, CHOC Children's Hospital                         | Instructor, Department of Pediatrics, Section of Hematology-Oncology                                  | Children's Hospital of Los Angeles                                       |
| Jay Read, MD, PhD           | 2019-2022        | Establishing the biological basis of delayed hematopoietic recovery in patients receiving CAR-T cell therapy for hematologic malignancies                                  | Katherine King, MD, PhD                                | University of Michigan                                                            |                                                                                                       | University of Michigan Health System                                     |
| Wesley Smith, DO            | 2019-2022        | Investigating mechanisms of chemotherapy resistance and subsequent relapse in pediatric acute myeloid leukemia                                                             | Michele Redell, MD, PhD, BS                            | LeBonheur Children's Hospital / St. Jude Children's Research Hospital             | Assistant Professor                                                                                   | University of Kentucky / Kentucky Children's Hospital                    |



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| Gengwen Tian, MD, PhD         | 2019-2022        | Use CRISPR-Cas9 screening system to identify and therapeutically target genes that regulate the anti-tumor potential of NKTs and CAR-NKTs against neuroblastoma and lymphoma | Leonid Metelitsa, MD, PhD | Driscoll Children's Hospital                                      | Instructor, Department of Pediatrics, Section of Hematology-Oncology          | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Dana Tlais, MD                | 2019-2022        | The role of MYCN in pediatric high-grade gliomas and medulloblastoma                                                                                                         | Stephen C. Mack, PhD      | UPMC Children's Hospital of Pittsburgh                            | Neuro-Oncology Instructor                                                     | St. Jude Children's Research Hospital                                    |
| Chelsea Daignault Vrana, MD   | 2020-2023        | Targeting Chemoresistance in T-ALL                                                                                                                                           | Karen Rabin, MD, PhD      | Baylor College of Medicine                                        | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Josaura Fernandez-Sanchez, MD | 2020-2023        | The role of the intestinal microbiome in antibiotic-associated neutropenia                                                                                                   | Katherine King, MD, PhD   | Holtz Children's Hospital/Jackson Memorial Hospital -UM           | Clinical Fellow, Stem Cell Transplantatoin Fellowship                         | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Sarah Kappa, MD               | 2020-2023        | Investigating the use of Immune Checkpoint inhibition and Tyrosine Kinase Inhibitors for the Treatment of Osteosarcome Using Mouse Models                                    | Jason Yustein, MD, PhD    | Children's National Medical Center                                | Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Cecile Karsenty, MD           | 2020-2023        | Characterizing phenotypic consequences of CRISPR/Cas9 induced gene modifications in hematopoietic stem cells from patients with sickle cell disease                          | Gang Bao, PhD (Rice)      | Columbia New York-Presbyterian Morgan Stanley Children's Hospital | Instructor, Department of Pediatrics, Section of Hematology-Oncology          | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Timothy Leander, MD           | 2020-2023        | Effectiveness of modified natural killer (NK) cells as part of pre-CAR T conditioning to enhance anti-tumor immune responses and decrease toxicity                           | Robin Parihar, MD, PhD    | Mayo Clinic                                                       | Clinical Fellow, Immunotherapy Fellowship                                     | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Madeleine O'Keefe, MD         | 2020-2023        | Defining the Genetic Landscape of Pediatric AML in Ugandan Patients                                                                                                          | Rachel Rau, MD            | Medical College of Wisconsin                                      | Pediatric Hematologist/Oncologist                                             | Mayo Clinic                                                              |
| Luisanna Sanchez-Ventura, MD  | 2020-2023        | Clinical and Molecular Profiles Associated with Robust and Sustained Hydroxyurea Response for Patients with                                                                  | Jonathan Flanagan, PhD    | Cincinnati Children's Hospital Medical Center                     | Pediatric Hematologist                                                        | Indiana Hemophilia and Thrombosis Center                                 |
| Meghan Shekar, MD             | 2020-2023        | Improving Efficacy of GD2 CAR T Cells using EZH2 Inhibitors and HDAC Inhibitors to Increase Tumor Antigen Density                                                            | Bilal Omer, MD            | Baylor College of Medicine                                        | Pediatric Hematologist/Oncologist                                             | Mass General Brigham                                                     |
| Mohammad Abu Arja, MD         | 2021-2024        | Enhancing the cytotoxicity of chimeric antigen receptor T cells (CAR T) in pediatric brain cancers by optimizing perforin secretion                                          | Nabil Ahmed, MD           | New York Presbyterian Brooklyn Methodist Hospital                 | Clinical Fellow, Department of Pediatrics, Section of Hematology-Oncology     | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |

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| Arianexys Aquino Lopez, MD, PhD | 2021-2024        | Using Virus Specific T Cells in Combination with Oncolytic Adenovirus as Immune Therapy for Osteosarcoma                                            | Malcom Brenner, MD, PhD                             | Baylor College of Medicine                                                                     | Clinical Fellow, Department of Pediatrics, Section of Hematology-Oncology                           | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Joshua Dajac, MD                | 2021-2024        | Use of Targeted Nanoparticles as a Novel Delivery Platform for NK cell Therapies                                                                    | Robin Parihar, MD, PhD                              | University of Cincinnati<br>Department of Internal Medicine and Cincinnati Children's Hospital | Clinical Fellow, Department of Pediatrics, Section of Hematology-Oncology                           | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Jay Shah, MD                    | 2021-2024        | Combining HER2 CAR T cells with Cabozantinib to synergistically enhance antitumor activity in pediatric brain tumors                                | Meena Hegde, MD                                     | SUNY HSC Brooklyn                                                                              | Clinical Fellow, Department of Pediatrics, Section of Hematology-Oncology                           | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Kevin Tien, MD                  | 2021-2024        | Comprehensively evaluating the role of Hispanic ethnicity on AML risk classification and treatment-related toxicities                               | Philip Lupo, PhD, MPH and Monica Gramatges, MD, PhD | University of Texas at Houston Health Science Center                                           | Pediatric Oncologist                                                                                | Cook Children's Medical Center                                           |
| Russell Wolters, MD             | 2021-2024        | Evaluating the risk of cancer in children with multiple congenital anomalies                                                                        | Philip Lupo, PhD, MPH                               | Baylor College of Medicine                                                                     | Pediatric Hematologist/Oncologist                                                                   | Children's Minnesota Hospital/St. Paul                                   |
| Ajibike Lapite, MD, MPHTM       | 2022-2025        | Investigating the Relationship between Infection and Clonal Hematopoiesis                                                                           | Katherine King, MD, PhD                             | Children's Hospital of Philadelphia                                                            | Instructor, Department of Pediatrics, Section of Hematology-Oncology                                | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Bryony Lucas, DO                | 2022-2025        | Psychological Outcomes in Pediatric Brain Tumor Patients                                                                                            | Michael Scheurer, PhD, MPH                          | Case Western - Rainbow Babies & Children's Hospital                                            | Neuro-oncology Fellow                                                                               | Nationwide Children's Hospital - Columbus Ohio                           |
| Taylor Luckie, MD               | 2022-2025        | Germline cancer predisposition syndromes and the identification of de novo germline pathogenic variants in pediatric patients with rhabdomyosarcoma | Sharon Plon, MD, PhD, FACMG/Philip Lupo, PhD, MPH   | Baylor College of Medicine                                                                     | BCM/TCH Faculty, Department of Pediatrics, Leukemia team and Cancer Prevention and Screening Clinic | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Candelaria O'Farrell, MD        | 2022-2025        | Identification of clinical and biological predictors, and therapeutic targets, in pediatric immune thrombocytopenia (ITP) and Evans syndrome (ES)   | Michael Scheurer, PhD, MPH                          | Nicklaus Children's Hospital                                                                   | Assistant Professor                                                                                 | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Andrew Wahba, MD                | 2022-2025        | Developing Bispecific CAR NKT for Osteosarcoma                                                                                                      | Leonid Metelitsa, MD, PhD                           | McGowan Medical School at Univ of Texas Health Science Center                                  | Faculty, Department of Pediatrics, Section of Solid Tumor                                           | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Shuo Xu, MBBS                   | 2022-2025        | Evaluating effects of SHP2 deletion on HER2 CD28ζ CAR T-Cell Activation Dynamics and Metabolic Fitness                                              | Meena Hegde, MD                                     | State University of New York (SUNY) Downstate Health Sciences University                       | Faculty as Hematology Oncology Hospitalist                                                          | University of California, San Francisco                                  |



| NAME                                | FELLOWSHIP DATES | RESEARCH PROJECT                                                                                                                     | RESEARCH MENTOR                | RESIDENCY PROGRAM                                          | CURRENT POSITION                                                                   | CURRENT EMPLOYER                                                         |
|-------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Marimar de la Cruz Bonilla, MD, PhD | 2023-2026        | Targeting Immunotherapy Resistance in Pediatric Osteosarcoma Through Radiation-Enhanced CAR T-Cell Therapy                           | Bilal Omer & Cliona Rooney     | Baylor College of Medicine/ Pediatrician Scientist Program | Instructor and Reasearcher on the K12 Program                                      | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Joshua Gorlick, MD                  | 2023-2026        | Neighborhood Disadvantage and Neurocognitive Outcomes in Children with Brain Tumors Treated with Surgery or Proton Radiotherapy      | Lisa Kahalley PhD              | The Children's Hospital at Montefiore                      | Clinical 4th year Fellow, Department of Pediatrics, Section of Hematology-Oncology | Integrative Medicine Fellowship at Kinder Center                         |
| Alicia Herbison, MD                 | 2023-2026        | Lost in Translation: How Primary Language Impacts Access and Participation in Pediatric Leukemia Clinical Trials. A Local Experience | Austin Brown                   | Baylor College of Medicine                                 | Assistant Professor                                                                | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Swabna Shanmugielayutham, MD        | 2023-2026        | Understanding Mechanisms of Dysfunctional Hematopoiesis in Telomere Biology Disorders                                                | Alison Bertuch                 | Loyola University Medical Center                           | Nocturnist, Department of Pediatrics, Section of Hematology-Oncology               | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |
| Matthew Willis, MD                  | 2023-2026        | Increasing surface CD70 expression to enhance targeting of CD70.CAR T Cells for the treatment of AML                                 | Lauren Scherer and Clio Rooney | Baylor College of Medicine                                 | Assistant Professor                                                                | University of Texas South Western Children's Medical Center - Dallas     |
| Subhi Talal Younes, MD, PhD         | 2023-2026        | TBD                                                                                                                                  | TBD                            | Boston Children's Hospital / Boston Medical Center         | Research Fellow, Department of Pediatrics, Section of Hematology-Oncology          | Baylor College of Medicine/Texas Children's Cancer and Hematology Center |