

**2023 TCH Research Symposium Agenda
April 28, NRI Conference Center**

8:30 AM	POSTER SET UP and BREAKFAST
9:00 AM	Opening Remarks: Susan Blaney, MD Director, Texas Children's Cancer and Hematology Center Division Chief, Pediatric Hematology-Oncology, Baylor College of Medicine
9:10 AM	Hematology Keynote Address: <i>"Cardiac studies in sickle cell disease: getting to the heart of the problem"</i> Charles Quinn, MD, MS Professor of Pediatrics University of Cincinnati College of Medicine
10.00 to 10.45 AM	POSTER SESSION 1 and BREAK
10.45 AM	Josaura Fernandez Sanchez, MD, Hematology/Oncology Fellow THE ROLE OF THE INTESTINAL MICROBIOME IN ANTIBIOTIC-ASSOCIATED NEUTROPENIA
11.00 AM	Brooks Scull, M.S, Research Assistant CIRCULATING SENESCENT MYELOID CELLS DRIVE BLOOD BRAIN BARRIER BREAKDOWN AND NEURODEGENERATION
11.15 AM	Cecile Karsenty, MD, Hematology/Oncology Fellow A SICKLE HUDEP2 CELL MODEL WITH GFP/BFP TAGGED BETA-GLOBIN TO EXAMINE ITS REGULATION IN TREATING B-HEMOGLOBINOPATHIES AND DISORDERS OF ERYTHROPOIESIS
11.30 AM	Mohammad Abu-Arja, MD, Hematology/Oncology Fellow LONG-TERM HEARING LOSS IN CHILDREN WITH MEDULLOBLASTOMA AFTER PROTON IRRADIATION AND CHEMOTHERAPY
11.45 AM	Austin J Stuckert, MD, Hematology/Oncology Fellow PHASE I TRIAL OF GD2.CART-CELLS AUGMENTED WITH A CONSTITUTIVELY ACTIVE INTERLEUKIN-7 RECEPTOR (C7R) FOR TREATMENT OF HIGH-GRADE PEDIATRIC CNS TUMOR
12.00 to 1.15 PM	POSTER SESSION 2 and LUNCH

1.15 PM	Oncology Keynote Address: <i>"Medulloblastoma as a proximate cost of the evolution of cerebellar development in Homo Sapiens. Brain cancer as part of the cost of being human"</i> Michael D. Taylor MD, PhD, FRCS(C) Director, Neuro-oncology Research Program, Professor, Department of Pediatrics, Section of Hematology-Oncology, Baylor College of Medicine
2.15 PM	Lauren Scherer, MD, Assistant Professor LIGAND.CD70 CAR AS A PLATFORM FOR BISPECIFIC CAR T CELLS TO IMPROVE TARGETING OF ACUTE MYELOID LEUKEMIA
2.30 PM	Prudowsky, Zachary, MD, Assistant Professor IMPLEMENTING PHOTOBIO-MODULATION THERAPY TO DECREASE ORAL MUCOSITIS SEVERITY IN PEDIATRIC CANCER CARE
2.45 PM	Lingzhi Li, PhD, Postdoctoral Associate MYCN-INDUCED ONCOGENIC METABOLIC REPROGRAMMING IS THROUGH MOLECULAR CLOCK DISRUPTION IN NEUROBLASTOMA
3.00 PM	Sarah S. Kappa, MD, Hematology/Oncology Fellow COMBINATORIAL THERAPIES CAN IMPROVE IMMUNE-MEDIATED APPROACHES FOR HIGH-RISK OSTEOSARCOMA
3.15 PM	Jacob J Junco, PhD, Staff Scientist A NOVEL TRANSGENIC MOUSE MODEL OF DS-ALL IDENTIFIES UPREGULATION OF DNA REPAIR SIGNALING AND KINASE SIGNALING AS TARGETABLE VULNERABILITIES
3.30 PM	Research Spotlight and Concluding Remarks Susan Blaney, MD Director, Texas Children's Cancer and Hematology Center Division Chief, Pediatric Hematology-Oncology, Baylor College of Medicine
3.45 PM	AWARDS