

## Abstracts submitted by Center for Cancer & Immunology

Abstract ID	Abstract Theme	Title	First Author	Presentation Day
<b>Faculty</b>				
9	Allergy and Immunology	Evaluation of regulatory B cells in peanut-tolerant and peanut-allergic children	Adora Lin, MD, PhD	Monday, April 1, 2019
31	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Detection of Tumor associated antigen (TAA) specific T cell responses in Patients with classical Hodgkin Lymphoma: implications for future adoptive T cell therapy	Hema Dave, MD	Monday, April 1, 2019
33	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Ex Vivo Expanded Multi-Tumor Antigen Specific T cells For the Treatment of Solid Tumors	Amy Hont, MD	Monday, April 1, 2019
35	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	EBV/LMP-specific T cells Maintain Remissions of T and B cell EBV Lymphomas after Allogeneic Bone Marrow Transplantation	Lauren McLaughlin, MD	Monday, April 1, 2019
<b>Post docs/Fellows/Residents</b>				
42	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Tumor lysate-specific T cells: potential immunotherapy for pediatric CNS tumors	Melanie L Grant, PhD	Monday, April 1, 2019
43	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Adoptive Immunotherapeutic Strategies to Treat Chronic Norovirus Infection in Immunocompromised Patients	Ryo Hanajiri, MD, PhD	Monday, April 1, 2019
44	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Hexaviral Specific T-cells Targeting Parainfluenza, CMV, EBV, Adenovirus, HHV6 and BKV used for Prophylaxis and Treatment of Viral Infections in Patients Post Stem Cell Transplant	Katherine M Harris, MD	Monday, April 1, 2019
46	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Early inhibition of the MAPK pathway prevents optic nerve glioma formation in a NF1-deficient mouse model	Emmanuelle Jecrois, PhD	Monday, April 1, 2019
49	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Retrospective Study To Evaluate Factors Influencing Outcomes In Pediatric Non-Hodgkin's Lymphoma	Sanam Shahid, MD	Monday, April 1, 2019
51	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Tumor-associated antigen specific T cells targeting Peripheral T Cell Lymphoma	Keri Toner, MD	Monday, April 1, 2019
52	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Discovering Personalized Therapy for MYC-amplified Medulloblastoma	Zhenhua xu, PhD	Monday, April 1, 2019

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<b>Staff</b>				
54	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Optimization of immunofluorescence protocol for TAA markers in paraffin embedded tissues	Anushree Datar, MS	Monday, April 1, 2019
55	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Analysis of Critical Quality Attributes to Improve the Manufacture of Tumor-Associated Antigen-specific T cells from Healthy Donors and Patients with Solid Tumors and Hematologic Malignancies	Uduak-Obong I Ekanem, MS	Monday, April 1, 2019
56	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Developing the Necessary Infrastructure to Distribute Off-The-Shelf Multi-viral T cells for Nationwide Multi-Center Clinical Trials	Alyssa S Fatic, BS	Monday, April 1, 2019
57	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Immunotherapy trials at Children's National Health System offer greater access for patients of diverse backgrounds	Morgan Galligan, BS	Monday, April 1, 2019
58	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Developing third party/off the shelf T cell therapies for glioblastoma multiforme	Ashley E. Geiger, MS	Monday, April 1, 2019
60	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Designing a high throughput multi-parameter assay for process development of antigen specific T cell therapy products	Christopher A Lazarski, PhD	Monday, April 1, 2019
62	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Proteomics Core Laboratory	Aswini Panigrahi, PhD	Monday, April 1, 2019
63	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Quantifying Hematopoietic Stem Cells Towards In-Utero Gene Therapy for Treatment of Sickle Cell Disease in Fetal Cord Blood	Gelina M Sani, BS	Monday, April 1, 2019
64	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Quantifying T-cell Subsets for Antiviral Cellular Therapy for Enhancing T-cell Reconstitution Before or After Hematopoietic Stem Cell Transplantation	Gelina M Sani, BS	Monday, April 1, 2019
65	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Analyzing incoming blood products by flow cytometry to optimize tumor-specific T cell manufacturing	Devin Saunders, BA	Monday, April 1, 2019

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66	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Simultaneous Detection of Circulating Tumor Antigens: WT1, Survivin and PRAME identifies acute leukemia disease burden	Maja Stanojevic, MD	Monday, April 1, 2019
68	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Expansion of Mesenchymal Stromal Cells using the Quantum Cell Expansion System	Robert K Ulrey, MS	Monday, April 1, 2019
70	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Establishment of patient-derived xenograft (PDX) mouse models and cell lines for pleuropulmonary blastoma	Weiyong Yu, PhD	Monday, April 1, 2019
71	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Developing a Process to Efficiency Implement clinical trials in the Cellular Therapy Laboratory	Nan Zhang, PhD	Monday, April 1, 2019
153	Genetics, Genetic Predisposition, and Genetic Susceptibility	Improving CINV in pediatric oncology: a role for pharmacogenetics?	Catriona Mowbray, PhD, BSN, RN	Monday, April 1, 2019
<b>Graduate Students</b>				
202	Infectious Disease and HIV	Antibody-Secreting T Cells Engineered for Tripartite Immune Response Against HIV	Allison Powell, BS	Wednesday, April 3, 2019