

Johns Hopkins University/National Institute of Health Pediatric Hematology-Oncology Fellowship		
Faculty Member	Institution	Research Focus
Srivandana Akshintala, MB, BS, MPH	NIH	Rare Solid Tumors and early phase clinical trials
Emily Barron-Casella, PhD	JHU	Basic and translational studies of sickle cell disease
Chalice Bonifant, MD, PhD	JHU	Engineered cell therapy for pediatric cancers
James F. Casella, MD	JHU	Treatment, proteomics and genetics of central nervous system vascular disease in sickle cell disease. Clinical trials in sickle cell disease (focus on central nervous system and vaso-occlusive crisis)
Allen R. Chen, MD, PhD, MHS	JHU	Translational studies in BMT
Kenneth J. Cohen, MD, MBA	JHU	Clinical and translational neuro-oncology research
Kenneth Cooke, MD	JHU	Immunologic mechanisms of acute and chronic GVHD and non-infectious lung injury after BMT. Optimization of graft-vs.-tumor effects
Stacy Cooper, MD, MEd	JHU	Clinical research in acute lymphoblastic leukemia, immunotherapy, medical education
Jaydira Del Rivero, MD	NIH	Neuroendocrine tumors, clinical trials, tumor immunology
Yang Ding, MD	JHU	Systems Biology, Genomics, and Epigenetics of pediatric high-risk leukemias
Alan D. Friedman, MD	JHU	Myeloid lineage development and immunotherapy using activated myeloid cells
Dana Furstenau, MD	JHU	Sickle cell disease
Robyn Gartrell, MD, MS	JHU	Combination approaches including radiation, chemotherapy and other target agents with immunotherapy to improve response, increase survival and decrease toxicity for children, adolescents and young adults with cancer.
John Glod, MD, PhD	NIH	Early phase clinical trials, rare solid tumors
Christine M. Heske, MD	NIH	Pediatric sarcoma, drug resistance, early phase clinical trials
Rosandra Kaplan, MD	NIH	Clinical studies aimed at targeting tumor microenvironment
Javed Khan, MD	NIH	Pediatric cancer genomics
Michael Koldobskiy, MD, PhD	JHU	Epigenetics of childhood cancer
Yiuli Ktena, MD	JHU	Alloreactivity post-hematopoietic stem cell transplantation and epigenetic regulation
Brian Ladle, MD, PhD	JHU	Immunotherapy for pediatric sarcoma and epigenetic regulation of T cell function
Jessica Lake, MD	NIH	Development of therapies for solid tumors
Kathryn Lemberg, MD, PhD	JHU	Developing metabolic inhibitors in pediatric solid tumors
Jason Levine, MD	NIH	Bioinformatic systems for translational research
Nicolas Llosa, MD	JHU	Cancer Immunology. Studies in the immune microenvironment of sarcoma and sarcoma immunotherapy
Mary Wedekind Malone, DO	NIH	Pediatric and Adult Rare Solid Tumors
Troy McEachron, PhD	NIH	Microenvironment of pediatric sarcomas
Lisa McReynolds, MD, PhD	NIH	Gene discovery and genome characterization, bone marrow failure
Matthew Merguerian, MD, PhD	JHU	Genetics of inherited platelet disorders
Rosa Nguyen, MD, PhD	NIH	Preclinical development of immunotherapies
Patience Odeniyide, MD, PhD	JHU	Molecularly targeted therapies for RAS-driven pediatric solid tumors
Brian Pennarola, MD	NIH	Pediatric and young adult palliative care, end of life care
Staci Martin Peron, PhD	NIH	Mindfulness and acceptance, pain coping
Christine Pratilas, MD	JHU	Molecularly targeted therapy for pediatric solid tumors driven by hyperactive RAS; adaptive and acquired resistance to targeted therapy.
Eric Raabe, MD, PhD	JHU	Identification of novel molecular targets and therapeutics in pediatric brain tumors
Emily Rao, MD	JHU	Coagulation disorders, anticoagulation and patient safety
Karlyne Reilly, PhD	NIH	Rare tumor initiative
Kathy Ruble, PhD	JHU	Childhood cancer survivorship/health promotion
Udo Rudloff, MD, PhD	NIH	Translational oncology
Kristen Schratz, MD	JHU	Genetic mechanisms of clonal evolution in inherited bone marrow failure and hematologic malignancies
Jack F. Shern, MD	NIH	Whole genome sequencing (WGS) and precision medicine
Sara Silbert, MD, MHSc	NIH	Trials for relapsed/refractory leukemia
Donald Small, MD, PhD	JHU	Biology of and development of molecularly targeted therapy for AML
Heather Symons, MD, MHS	JHU	Haploidentical BMT for malignant and nonmalignant disorders
Naomi Taylor, MD, PHD	NIH	Basic -Translational oncology; pediatric immunology
Carol J. Thiele, PhD	NIH	Neuroblastoma, epigenetics, retinoids
Brigitte Widemann, MD	NIH	Clinical pharmacology and new drug development for children with cancer and neurofibromatosis Type 1
Pamela L. Wolters, PhD	NIH	Quality of life in cancer and neurofibromatosis
Marielle Yohe, MD, PhD	NIH	Molecular signaling
Elias Zambidis, MD, PhD	JHU	Human developmental hematopoiesis and embryonic stem cell biology
Lindy Zhang, MD, PhD	JHU	Effects of molecularly targeted therapies on tumor cells and tumor infiltrating immune cells within NF1-associated tumors