| Johns Hopkins University/National Institute of Health Pediatric Hematology-Oncology Fellowship | | |
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| **Faculty Member** | **Institution** | **Research Focus** |
| Alan D. Friedman, MD | JHU | Transcriptional regulation of myeloid differentiation and action of myeloid oncoproteins |
| Allen R. Chen, MD, PhD, MHS | JHU | Translational studies in BMT |
| Andrea Gross, MD | NIH | Neurofibromatosis Phase I/II |
| Bonnie Lau, MD, PhD | JHU | Cancer predisposition in bone marrow failure |
| Brian Ladle, MD, PhD | JHU | Immunotherapy for pediatric sarcoma and epigenetic regulation of T cell function |
| Brigitte Widemann, MD | NIH | Clinical pharmacology and new drug development for children with cancer and neurofibromatosis Type 1 |
| Cara Rabik, MD, PhD | JHU | Role of WT1 in hematopoiesis and leukemogenesis; immunotherapy in pediatric leukemia |
| Carol J. Thiele, PhD | NIH | Neuroblastoma, epigenetics, retinoids |
| Challice Bonifant, MD, PhD | JHU | Engineered cell therapy for pediatric cancers |
| Christine M. Heske, MD | NIH | Pediatric Sarcoma, drug resistance, early phase clinical trials |
| Christine Pratilas, MD | JHU | Molecular pharmacology and signaling biology in cancers driven by activation of ERK kinase |
| Christopher Gamper, MD, PhD | JHU | Regulation of T cell effector differentiation and tolerance |
| Courtney Lawrence, MD | JHU | Translational and clinical studies in hemostasis & thrombosis, clinical studies in transfusion management |
| Donald Small, MD, PhD | JHU | Molecular biology of normal hematopoiesis and leukemia |
| Elias Zambidis, MD, PhD | JHU | Human developmental hematopoiesis and embryonic stem cell biology |
| Emily Barron-Casella, PhD | JHU | Basic and translational studies of sickle cell disease |
| Emily Rao, MD | JHU | Coagulation disorders, anticoagulation and Patient Safety |
| Eric Raabe, MD, PhD | JHU | Identification of novel molecular targets and therapeutics in pediatric brain tumors |
| Haneen Shalabi, DO | NIH | Clinical Immunotherapy |
| Heather Symons, MD | JHU | Translational studies in BMT; research in palliative care |
| Jack F. Shern, MD | NIH | Whole genome sequencing (WGS) and precision medicine |
| James 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) |
| Jason Levine, MD | NIH | Bioinformatic systems for translational research |
| Javed Khan, MD | NIH | Pediatric cancer genomics |
| Jaydira Del Rivero, MD | NIH | Rare Tumor, tumor immunology |
| Jeffrey Rubens, MD | JHU | Developing precision therapies in brain tumors |
| John Glod, MD | JHU | Translational Trials Phase I, Neuro Oncology |
| Karlyne Reilly, PhD | NIH | Rare Tumor Initiative |
| Kathy Ruble, CPNP, PhD | JHU | Childhood cancer survivorship/health promotion |
| Kenneth Cooke, MD | JHU | Immunologic mechanisms of acute and chronic GVHD and non-infectious lung injury after BMT |
| Kenneth J. Cohen, MD, MBA | JHU | Clinical and translational neuro-oncology research |
| Lisa McReynolds, MD, PhD | NIH | Gene Discovery and genome characterization |
| Lori Wiener, PhD, DCSW, LCSW-C | NIH | Pediatric cancer and psychosocial oncology/support |
| Marielle Yohe, MD, PhD | NIH | Molecular Signaling |
| Michael Koldobskiy, MD, PhD | JHU | Epigenetics of childhood cancer |
| Naomi Taylor, MD, PHD | NIH | Basic -Translational oncology; pediatric immunology |
| Nicolas Llosa, MD | JHU | Cancer Immunology. Studies in the Immune Microenvironment of Sarcoma and Sarcoma Immunotherapy |
| Nirali N. Shah, MD, MHSc | NIH | Phase I/II Trials, relapsed leukemia, immunotherapy, hematopoietic stem cell transplantation |
| Orly Klein, MD | JHU | Mechanisms of noninfectious lung injury after BMT |
| Pamela L. Wolters, PhD | NIH | Quality of life in cancer and neurofibromatosis |
| Patrick Brown, MD | JHU | Molecularly targeted therapies for leukemia |
| Paul Meltzer, MD, PhD | NIH | Cancer Genomics |
| Peter Aplan, MD | NIH | Myelodysplastic Syndrome (MDS) |
| Rosandra Kaplan, MD | NIH | Clinical studies aimed at targeting Tumor Microenvironmental |
| Staci Martin Peron, PhD | NIH | Mindfulness and acceptance, pain coping |
| Stacy Cooper, MD | JHU | Mechanisms of myeloid leukemogenesis; medical education |