

Clinician Scientist and Research Scientist

Distinguished Young Investigator
Research Award



Melissa Perrino, MD

Cincinnati Children's Hospital Medical Center

*Complementing MEK Inhibition in NF1:
C5aR-antagonism in Combination with
MEK Inhibition Reduces Plexiform
Fibroma Growth, Demonstrating the
Importance of Targetability of the Tumor
Micro-environment*

First Runner-Up



Ina Ly, MD

Massachusetts General Hospital

*A Multi-center Radiomics-based
Model to Differentiate between
Neurofibromatosis Type 1-associated
Plexiform Neurofibromas and
Malignant Peripheral Nerve Sheath
Tumors*

Second Runner-Up



Daochun Sun, PhD

Medical College of Wisconsin

*MPNST Cancer Stem Cells
Promote the Metastatic
Progression*

Clinical Fellows

First Place



R. Taylor Sundby, MD

National Cancer Institute, Pediatric Oncology Branch

Cell-free DNA Ultra-low-pass Whole Genome Sequencing to Distinguish Malignant Peripheral Nerve Sheath Tumor (MPNST)

Second Place



Stephanie Brosius, MD, PhD

The Children's Hospital of Philadelphia

Characteristics of Moyamoya Syndrome in Pediatric Patients with Neurofibromatosis Type 1

PhD Postdoctoral Fellows

First Place



Xiyuan Zhang, PhD
National Cancer Institute

Single-cell Omics Reveals Diverse Epigenetics and Transcriptomic Reprogramming of NF1-deficient Cells through the Loss of PRC2 in MPNST

Second Place



Kevin Bruemmer, PhD
Stanford University

Chemoproteomic Approaches for Identifying the Roles of Glycosylation in Neurofibromatosis 1