

## **MSKCC Neuro-Onc Fellowship Graduates' Publications within the last 5 Years**

### **Matthias Karajannis, MD, MS:**

**43 Total Publications in last 5 years**

*Chief, Pediatric Neuro-Oncology Service*

*Memorial Sloan Kettering Cancer Center*

- Endothelium-Independent Primitive Myxoid Vascularization Creates Invertebrate-Like Channels to Maintain Blood Supply in Optic Gliomas (PMID: 28606795)
- Combined Inhibition of NEDD8-Activating Enzyme and mTOR Suppresses NF2 Loss-Driven Tumorigenesis (PMID: 28468780)
- The path forward: 2015 International Children's Tumor Foundation conference on neurofibromatosis type 1, type 2, and schwannomatosis (PMID: 28436162)
- Rapid progression to glioblastoma in a subset of IDH-mutated astrocytomas: a genome-wide analysis (PMID: 28421459)
- A novel, potentially targetable TMEM106B-BRAF fusion in pleomorphic xanthoastrocytoma (PMID: 28299358)

### **Oren Becher, MD:**

**23 Total Publications in last 5 years**

*Associate Professor of Pediatrics,*

*Hematology, Oncology, and Stem Cell Transplantation*

*Ann & Robert H. Lurie Children's Hospital of Chicago*

- A phase I study of single-agent perifosine for recurrent or refractory pediatric CNS and solid tumors (PMID: 28582410)
- Histone H3.3K27M Represses p16 to Accelerate Gliomagenesis in a Murine Model of DIPG (PMID: 28522693)
- Pre-Clinical Study of Panobinostat in Xenograft and Genetically Engineered Murine Diffuse Intrinsic Pontine Glioma Models (PMID: 28052119)
- A phase I study of perifosine with temsirolimus for recurrent pediatric solid tumors (PMID: 28035748)
- Vamorolone, a dissociative steroidal compound, reduces pro-inflammatory cytokine expression in glioma cells and increases activity and survival in a murine model of cortical tumor (PMID: 28030841)

### **David Samuel, MD:**

**3 Total Publications in last 5 years**

*Attending, Pediatric Hematology/Oncology*

*Valley Children's Healthcare*

- Antiangiogenic (metronomic) chemotherapy for brain tumors: current and future perspectives (PMID: 19548852)
- Identification and molecular characterisation of a CALM-AF10 fusion in acute megakaryoblastic leukaemia (PMID: 11417476)
- Hemihypertrophy and a poorly differentiated embryonal rhabdomyosarcoma of the pelvis (PMID: 9917751)

**Thalia Farazi, MD, PhD:**  
Associate Medical Director  
Genentech, San Francisco

**10 Total Publications in last 5 years**

- The transcription factor ERG recruits CCR4-NOT to control mRNA decay and mitotic progression (PMID: 27273514)
- Structural basis underlying CAC RNA recognition by the RRM domain of dimeric RNA-binding protein RBPMS (PMID: 26347403)
- Deep MicroRNA sequencing reveals downregulation of miR-29a in neuroblastoma central nervous system metastasis (PMID: 24898736)
- Identification of the RNA recognition element of the RBPMS family of RNA-binding proteins and their transcriptome-wide mRNA targets (PMID: 24860013)
- Human CLP1 mutations alter tRNA biogenesis, affecting both peripheral and central nervous system function (PMID: 24766809)

**Vijay Ramaswamy MD, PhD, FRCPC:**  
Staff Physician,  
University of Toronto/Hospital for Sick Children

**100 Total Publications in last 5 years**

- H3 K27M mutations are extremely rare in posterior fossa group A ependymoma (PMID: 28623522)
- Intertumoral Heterogeneity within Medulloblastoma Subgroups (PMID: 28609654)
- "miR miR on the wall, who's the most malignant medulloblastoma miR of them all?" (PMID: 28575493)
- Can telomerase activity be unleashed to refine prognosis within ependymoma subgroups? (PMID: 28521052)
- Prognostic relevance of miR-124-3p and its target TP53INP1 in pediatric ependymoma (PMID: 28437838)

**Donita D. Lightner, MD:**  
Assistant Professor of Pediatrics  
University of Kentucky

**5 Total Publications in last 5 years**

- Surfer's myelopathy without surfing: a report of two pediatric patients (PMID: 28382219)
- Epidemiologic and molecular prognostic review of glioblastoma (PMID: 25053711)
- Long-term treatment with temozolomide in malignant glioma (PMID: 24063865)
- A case of mannitol hypersensitivity (PMID: 24060838)
- Phantosmia during radiation therapy: a report of 2 cases (PMID: 22805250)

**Fatema Malbari, MD:**  
Director, Neurocutaneous Center  
Pediatric Neurology  
The Children's Hospital at Montefiore

**2 Total Publications in last 5 years**

- Psychiatric manifestations as initial presentation for pediatric CNS germ cell tumors, a case series (PMID: 27312077)
- Prenatally Diagnosed Aggressive Intracranial Immature Teratoma-Clinicopathological Correlation (PMID: 27158748)

**Nathan Millard, MD:**

**3 Total Publications in last 5 years**

*Pediatric Neuro-Oncologist, Westchester Medical Center, Valhalla, NY*

*Attending Pediatrician, Pediatric Alliance, Pittsburgh, PA.*

- A phase I study of single-agent perifosine for recurrent or refractory pediatric CNS and solid tumors (PMID: 28582410)
- Medulloblastoma (PMID: 19841429)
- Advances in the management of central nervous system germ cell tumors (PMID: 24838613)

**Nagma Dalvi, MD:**

**No Publications within last 5 years**

*Division of Pediatric Neurology*

*Department of Pediatrics*

*Nemours Alfred I. duPont Hospital for Children*

**Viviana Benitez, MD:**

**1 Publication in last 5 years**

*Assistant Attending*

*Yale New Haven Health Children's Hospital*

- Postoperative Radiotherapy Patterns of Care and Survival Implications for Medulloblastoma in Young Children (PMID: 27491009)