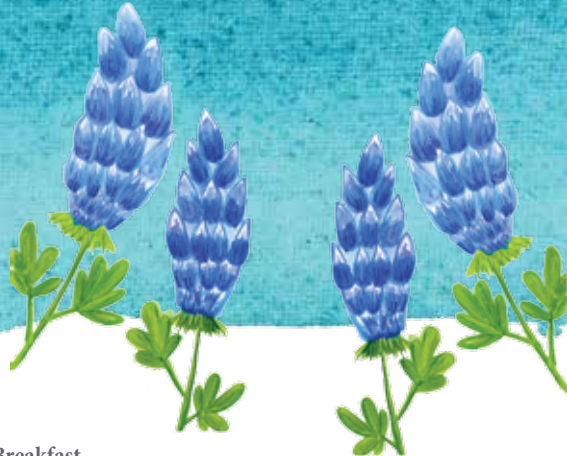


# Program



- 7:15 am Registration and Continental Breakfast
- 8:00 Welcome and Inauguration
- Dr. Ronald DePinho - Welcome
  - Dr. Richard Gorlick - Director of Pediatrics
  - Marnie Rose Foundation- Lanie Rose
  - The Scully Family
  - Dr. Soumen Khatua - Overview

## **Session #1: Immunotherapy in Pediatric Brain Tumors**

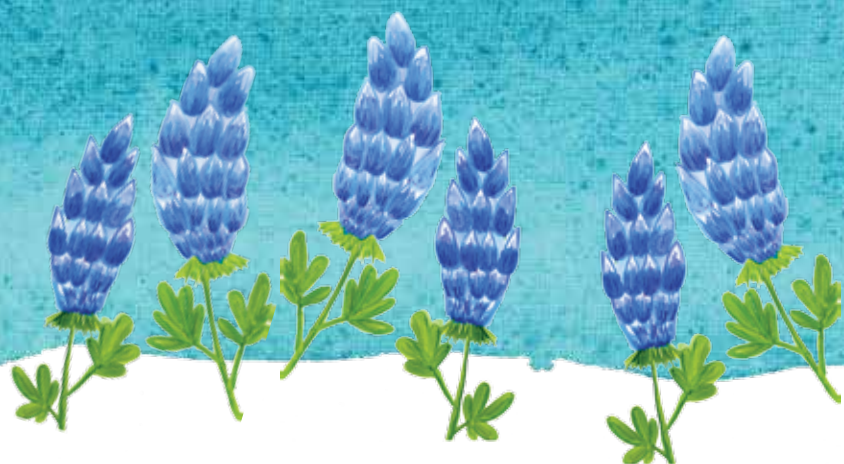
**Session Chairs: Daniel C. Bowers, MD and Mark R. Gilbert, MD**

- 8:30 **Overview- Immunotherapy in Pediatric Brain Tumors**  
Keynote Speaker: Mark R. Gilbert, MD
- 8:55 **Targeting Brain Tumors with Genetically Engineered T Cells**  
Stephen M. Gottschalk, MD
- 9:10 **Local Regulated IL-12 Expression for the Treatment of Brain Tumors in Children Including DIPG**  
Laurence J.N. Cooper, MD, PhD and Francois Lebel, MD
- 9:25 **NK Cell in Brain Tumors**  
Dean Lee, MD, PhD
- 9:40 **Immunomodulatory Effects of LSD1 Inhibition in DIPG and Translational Aspects**  
Joya Chandra, PhD
- 9:55 Panel Discussion
- 10:15 Break

## **Session #2: Molecular Targeted Therapy**

**Session Co-Chairs: Murali Chintagumpala, MD; Amar Gajjar, MD and Virginia L. Harrod, MD, PhD**

- 10:30 **Targeted Therapy in Pediatric Neuro Oncology**  
Keynote Speaker: Amar Gajjar, MD
- 10:55 **Precision Neuro-Oncology: Clinical Genomics for Children with CNS Tumors**  
Donald W. Parsons, MD, PhD



11:10 **Targeting the Brain Tumor Methylome**  
Vidya Gopalakrishnan, PhD

11:25 **Genetic and Epigenetic Landscapes of Medulloblastoma Subgroups**  
Paul A. Northcott, PhD

11:40 **WHO Classification 2016: Update on Pediatric Tumors**  
Greg Fuller, MD, PhD, AS

11:55 **Adult Medulloblastoma:  
What We Know and What We Don't Know**  
Marta Penas-Prado, MD

12:15 pm **Panel Discussion**

12:30 **Lunch (provided) and Photo Shoot**

### Session #3: Preclinical Models to Clinical Trials

Session Co-Chairs: Juan Fueyo-Margareto, MD and  
Vidya Gopalakrishnan, PhD

1:15 **More Subgroups, More Models: Using Genomics and Epigenomics  
to Inform Brain Tumor Model Development**  
Stephen C. Mack, PhD

1:35 **A Comprehensive Panel of Patient-Derived Orthotopic Xenograft  
(PDOX) Mouse Models of Pediatric Brain Tumors**  
Xiao-Nan Li, MD, PhD

1:55 **What Can We Learn from Genetic Models of DIPG?**  
Oren Josh Becher, MD

2:15 **Panel Discussion**

2:30 **Break**

### General Session

Session Co-Chairs: Leena Ketonen, MD, PhD; Susan L. McGovern, MD,  
PhD; David Sandberg, MD and Wafik Zaky, MBBCH

2:45 **Direct Drug Delivery into the Fourth Ventricle of the Brain to  
Treat Recurrent Malignant Posterior Fossa Tumors**  
David Sandberg, MD

3:00 **Laser Interstitial Thermal Therapy for the Treatment of  
Brain Tumors**  
Sujit S. Prabhu, MD

3:15 **Evolving Surgical and Multidisciplinary Management Strategies of  
Pediatric Skull Base Cancers**  
Shaan M. Raza, MD

3:30 **Radiation Therapy for Pediatric Low Grade Glioma**  
Mary McAleer, MD, PhD

3:45 **Synaptic Toxicities of Radiation Therapy**  
David R. Grosshans, MD, PhD

4:00 **Neurocognitive Outcome Following Radiation for Pediatric Brain  
Tumors: Review and Emerging Directions**  
Peter Stavinoha, PhD

4:15 **Molecular Neuroimaging**  
Dawid Schellingerhout, MD

4:30 **Clinical Trials in NF**  
John M. Slopis, MD

4:45 **Discussion**

5:10 **Closing Remarks**

5:15 pm **Adjourn**

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