

Pediatric Neuro-Oncologic Imaging Course



PBII
Pediatric Biomedical
Imaging Initiative

Saturday, October 26

7:30 a.m. – 8:00 a.m.	Check-in Continental Breakfast	MTC Atrium MTC Board Room
8:00 a.m. – 8:15 a.m.	Welcome & Introduction Zoltán Patay, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
8:15 a.m. – 9:00 a.m.	<u>Keynote: St. Jude Mission – Past, Present, and Future</u> Terrence L. Geiger, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
9:05 a.m. – 9:35 a.m.	<u>Molecular classification of pediatric CNS tumors</u> David Ellison, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
9:40 a.m. – 10:10 a.m.	Imaging support for surgery in pediatric CNS tumors Asim F. Choudhri, MD University of Tennessee Health Science Center Le Bonheur Children's Hospital	MTC Lecture Hall
10:10 a.m. – 10:30 a.m.	Morning Break	MTC Board Room
10:30 a.m. – 11:00 a.m.	Response assessment in pediatric CNS tumors Asim Bag, MD St. Jude Children's Research Hospital	MTC Lecture Hall
11:05 a.m. – 11:40 a.m.	<u>Principles of Immunotherapy in pediatric CNS tumors</u> Paul G. Thomas, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
11:45 a.m. – 12:20 p.m.	State of the art radiation therapy of pediatric CNS tumors Thomas E. Merchant, DO, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
12:20 p.m. – 1:15 p.m.	Lunch Break	MTC Board Room
1:15 p.m. – 1:35 p.m.	<u>Tumor mimics (response system)</u> Thierry A.G.M. Huisman, MD, PD Texas Children's Hospital	MTC Lecture Hall
1:40 p.m. – 2:10 p.m.	The ongoing treatment revolution of pediatric CNS tumors Giles W. Robinson, MD St. Jude Children's Research Hospital	MTC Lecture Hall
2:15 p.m. – 2:35 p.m.	Early detection of radiation injury in children with primary brain tumors Susan Palasis, MD Lurie Children's Hospital of Chicago Feinberg School of Medicine, Northwestern University	MTC Lecture Hall
2:40 p.m. – 3:05 p.m.	Imaging of late side effects of cancer treatment in children Noah D. Sabin, MD, JD St. Jude Children's Research Hospital	MTC Lecture Hall
3:05 p.m. – 3:25 p.m.	Afternoon Break	MTC Board Room

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3:25 p.m. – 3:50 p.m.	Neurocognitive toxicity in children treated for CNS tumors Heather M. Conklin, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
3:55 p.m. – 4:15 p.m.	Postoperative cerebellar mutism syndrome Zoltán Patay, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
4:20 p.m. – 4:55 p.m.	Diffusion Imaging of Pediatric Brain Tumors Tina Y. Poussaint, MD Harvard Medical School Boston Children's Hospital	MTC Lecture Hall
5:00 p.m. – 5:25 p.m.	Perfusion imaging of pediatric brain tumors Arastoo Vossough, MD, PhD Children's Hospital of Philadelphia President, American Society of Pediatric Neuroradiology	MTC Lecture Hall

Sunday, October 27

7:30 a.m. – 8:00 a.m.	Check-in Continental Breakfast	MTC Atrium MTC Board Room
8:00 a.m. – 8:05 a.m.	Welcome	MTC Lecture Hall
8:10 a.m. – 8:35 a.m.	MR spectroscopy in pediatric brain tumors Aashim Bhatia, MD, MS Children's Hospital of Pittsburgh of UPMC	MTC Lecture Hall
8:40 a.m. – 9:10 a.m.	Molecular Imaging in pediatric CNS tumors Barry L. Shulkin, MD St. Jude Children's Research Hospital	MTC Lecture Hall
9:15 a.m. – 9:35 a.m.	Imaging of metastasis in pediatric CNS tumors Julie H. Harreld, MD St. Jude Children's Research Hospital	MTC Lecture Hall
9:40 a.m. – 10:00 a.m.	Imaging Gently (anaesthesia and Gadolinium) Sumit Pruthi, MD Monroe Carell, Jr. Children's Hospital at Vanderbilt	MTC Lecture Hall
10:00 a.m. – 10:20 a.m.	Morning Break	MTC Board Room
10:25 a.m. – 11:00 a.m.	Gliomas: Pathology Jason C. Chiang, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
11:05 a.m. – 11:25 a.m.	Gliomas: Imaging (diffuse astrocytic and oligodendroglial tumors) Sumit Pruthi, MD Monroe Carell, Jr. Children's Hospital at Vanderbilt	MTC Lecture Hall
11:30 a.m. – 11:50 a.m.	Gliomas: Imaging (DIPG) Tina Y. Poussaint, MD Harvard Medical School Boston Children's Hospital	MTC Lecture Hall
11:55 a.m. – 12:25 p.m.	Interesting Cases Thierry A.G.M. Huisman, MD, PD Texas Children's Hospital	MTC Lecture Hall

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12:25 p.m. – 1:15 p.m.	Lunch Break	MTC Board Room
1:15 p.m. – 1:35 p.m.	<i>Gliomas: Imaging (other astrocytic tumors)</i> Arastoo Vossough, MD, PhD Children's Hospital of Philadelphia President, American Society of Pediatric Neuroradiology	MTC Lecture Hall
1:40 p.m. – 2:00 p.m.	<i>Gliomas: Clinical management (astrocytic tumors)</i> Santhosh Upadhyaya, MD St. Jude Children's Research Hospital	MTC Lecture Hall
2:05 p.m. – 2:25 p.m.	<i>Gliomas: Imaging (ependymoma)</i> Noah D. Sabin, MD St. Jude Children's Research Hospital	MTC Lecture Hall
2:30 p.m. – 2:50 p.m.	<i>Gliomas: Clinical management (ependymomas)</i> Christopher L. Tinkle, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
2:50 p.m. – 3:10 p.m.	Afternoon Break	MTC Board Room
3:10 p.m. – 3:30 p.m.	<i>Spinal cord tumors</i> Susan Palasis, MD Lurie Children's Hospital of Chicago Feinberg School of Medicine, Northwestern University	MTC Lecture Hall
3:35 p.m. – 4:05 p.m.	<i>Embryonal tumors: Molecular pathology</i> Brent A. Orr, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
4:10 p.m. – 4:35 p.m.	<i>Embryonal tumors: Imaging</i> Zoltán Patay, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
4:40 p.m. – 5:05 p.m.	<i>Embryonal tumors: Clinical management</i> Giles W. Robinson, MD St. Jude Children's Research Hospital	MTC Lecture Hall
5:10 p.m. – 5:30 p.m.	<i>Management of hydrocephalus</i> Asim F. Choudhri, MD University of Tennessee Health Science Center Le Bonheur Children's Hospital	MTC Lecture Hall
5:30 p.m. – 7:00p.m.	<i>Course Reception</i> All course attendees are invited. Heavy hors d'oeuvres served.	MTC Atrium

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Monday, October 28

7:30 a.m. – 8:00 a.m.	Check-in Continental Breakfast	MTC Atrium MTC Board Room
8:00 a.m. – 8:05 a.m.	Welcome	MTC Lecture Hall
8:10 a.m. – 8:30 a.m.	Managing pediatric brain tumor patients Kendri Herring St. Jude Children's Research Hospital	MTC Lecture Hall
8:35 a.m. – 8:55 a.m.	Neuronal and mixed neuronal-glia tumors: Pathology Jason C. Chiang, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
9:00 a.m. – 9:20 a.m.	Neuronal and mixed neuronal-glia tumors: Imaging Aashim Bhatia, MD, MS Children's Hospital of Pittsburgh of UPMC	MTC Lecture Hall
9:25 a.m. – 9:45 a.m.	Neuronal and mixed neuronal-glia tumors: Clinical Management Ibrahim A. Qaddoumi, MD, MS St. Jude Children's Research Hospital	MTC Lecture Hall
9:45 a.m. – 10:05 a.m.	Morning Break	MTC Board Room
10:05 a.m. – 10:25 a.m.	Other tumors: Choroid plexus and other intraventricular tumors Asim Bag, MD St. Jude Children's Research Hospital	MTC Lecture Hall
10:30 a.m. – 10:50 a.m.	Other tumors: Craniopharyngioma Noah D. Sabin, MD St. Jude Children's Research Hospital	MTC Lecture Hall
10:55 a.m. – 11:25 a.m.	Cancer predisposition syndromes associated with development of CNS tumors Kim E. Nichols, MD St. Jude Children's Research Hospital	MTC Lecture Hall
11:30 a.m. – 11:50 a.m.	Cancer predisposition syndromes: Imaging challenges Zoltán Patay, MD, PhD St. Jude Children's Research Hospital	MTC Lecture Hall
11:55 a.m. – 12:00 p.m.	Closing remarks and adjournment	MTC Lecture Hall



Some presentations will incorporate audience response using Poll Everywhere. Feel free to download the Poll Everywhere app. You can also access surveys by going to [PollEv.com](https://www.pollEv.com) and entering **PBII298**.