

BTEC 2025 Annual Conference

The Epidemiology of Brain Metastases for Adult and Pediatric Brain Tumors

Durham, NC, USA-May 28-30, 2025

FINAL AGENDA

Wednesday, May 28	
6:00–8:00 pm	Cocktail reception and local introductions
Thursday, May 29	
7:45–8:30 am	Welcome coffee and badge pick-up
8:30–8:35 am	Welcome Remarks Roberta McKean-Cowdin, PhD, Yan Yuan, PhD, Quinn Ostrom, PhD
8:35–10:00 am	Session 1: State of the Science on Brain Metastasis and Relevance for Population Health Chairs: Quinn Ostrom, PhD and Roberta McKean-Cowdin, PhD
8:35–9:00 am	Keynote lecture: The Epidemiology of Brain Metastasis Priya Kumthekar, MD, Northwestern Feinberg School of Medicine, Evanston, IL - USA
9:00–9:30 am	Keynote lecture: Existing and Novel Treatments of Brain Metastasis and Factors Influencing Prognosis John de Groot, MD, University of California San Francisco, San Francisco, CA – USA
9:30–10:00 am	Keynote lecture: Precision Medicine and Advances in Treatment of Metastatic Brain Cancer Priscilla Brastianos, MD, Harvard Medical School, Boston, MA-USA
10:00–10:30 am	Panel Discussion: Keynote Speakers
10:30–10:50 am	Coffee Break
10:50–12:15 pm	Session 2: Abstract presentations (10 minute presentation, 5 minute discussion) Chairs: Yan Yuan, PhD, MSc and John Villano, MD, PhD
10:50–11:05 am	Brain and Spinal Metastasis Awareness: An International Campaign to Educate Patients, Providers, and Politicians and Improve Outcome Amanda Van Swearingen, Duke, Durham, NC - USA
11:05–11:20 am	Economic disparities and functional status of brain metastasis patients undergoing tumour resection: a cohort analysis based on the National Brain Tumour Registry of China Shiqi Shi, Beijing Tiantan Hospital, Capital Medical University, Beijing-China
11:20–11:35 pm	Outcomes of Radionecrosis Management Strategies in Patients with Brain Metastases after Radiosurgery Jazlyn Seidel, Duke, Durham, NC-USA

11:35 -11:50 pm	The Graded Prognostic Assessment (GPA): A Diagnosis-Specific Prognostic Index for Patients with Newly-Diagnosed Brain Metastases <i>Paul W. Sperduto, Duke, Durham, NC - USA</i>
11:50-12:05 pm	Epidemiology of Brain Metastases in Adolescent and Young Adults Differs from the Adult Population [remote] <i>Michael R. Kann, University of Pittsburgh, Pittsburgh, PA - USA</i>
12:05–2:00 pm	Lunch and BTEC Advisory Board Meeting
2:00 -2:30 pm	Session 3: ABTA Junior Investigator Awardees <i>Introduction by Roberta McKean-Cowdin, PhD and Stephen Francis, PhD</i>
2:00-2:15 pm	US- Junior Investigator Award Winner Blood-based Classification of IDH-status of Non-enhancing Gliomas: A Machine Learning Approach <i>Sara Hadad, University of California, San Francisco, CA - USA</i>
2:15-2:30 pm	Non-US- Junior Investigator Award Winner Epidemiology of malignant primary central nervous system tumours in sub-Saharan Africa: a population-based registry study <i>Kudzai Chinjekure, University of Oxford, Oxford -UK</i>
2:30-3:15 pm	Session 4: Keynote lectures: Basic Science and Real-world Data for Brain Metastasis Research <i>Chairs: Kim Johnson, PhD and Michael Scheurer, PhD</i>
2:30–2:50 pm	Keynote lecture: Potential use of artificial intelligence to label brain metastases in radiology reports using population-based registry data in Alberta Canada. <i>Yan Yuan, PhD, University of Alberta, Edmonton - Canada</i>
2:50-3:10 pm	Keynote lecture: Using data for discoveries in brain metastases. [remote] <i>Jill Barnholtz-Sloan, PhD, NIH/NCI/CBIIT/DCEG, Bethesda, MD-USA</i>
3:10-3:30 pm	Keynote lecture: Neuroanatomy and the relationship to Brain Metastasis <i>Dorothy Sipkins, MD, PhD, Duke University, Durham, NC - USA</i>
3:30- 3:40 pm	Discussion
3:40–4:00 pm	Coffee break
4:00–5:00 pm	Session 5: Abstract Presentations (10 minute presentations) <i>Chairs: Ching Lau, MD, PhD and Joseph Wiemels, PhD</i>
4:00-4:10pm	Immune Profiling in Peripheral Blood Predicts Treatment Response and Survival in Glioblastoma Patients Receiving PD-L1 Immunotherapy <i>Annette Molinaro, University of California, San Francisco, CA - USA</i>
4:10-4:20pm	The Landscape of IgG Viral Reactivity Associated with Glioblastoma <i>Stephen Francis, University of California, San Francisco, CA - USA</i>
4:20-4:30pm	Precision Medicine Clinical Trial for Adult Patients with Recurrent Glioblastoma <i>Jiaying Chen, University of California, San Francisco, CA - USA</i>
4:30- 4:40pm	The impact of the COVID-19 pandemic on IDH-wildtype glioblastoma survival <i>Julia Benedetti, Duke University, Durham, NC-USA</i>
4:40-4:50pm	Adaptive Self-Attention for Multi-Modal Segmentation of Adult Gliomas in MRI <i>Evan Savaria, Old Dominion University, Norfolk, VA - USA</i>
4:50-5:00pm	Questions and Discussion
6:30-8:30 pm	Social evening and conference dinner

Friday, May 30	
8:00 –8:30 am	Welcome coffee
8:30 -10:00 am	Session 4: Update on Genetic Susceptibility to Primary Brain Tumors <i>Chairs: Stephen Francis, PhD and Michael Scheurer, PhD</i>
8:30 –8:50 am	Keynote lecture: Familial Risk for Glioma and What’s next for Family Studies (Melissa Bondy, PhD, Stanford University, Stanford, CA, USA)
8:50–9:10 am	Keynote lecture: Update on Pediatric Glioma GWAS (Joe Wiemels, PhD, University of Southern California, Los Angeles, CA, USA)
9:10–9:30 am	Keynote lecture: Genetic Epidemiology of Lower Grade Glioma (Kyle Walsh, PhD, Duke University, Durham, NC, USA)
9:30-10:00 am	Group Discussion: Future Directions in Genetic Epidemiology of Brain Tumors
10:00-10:20	Keynote lecture: Topic Surgical Management of Brain Metastases, Luc Bauchet, MD, PhD, CHU Montpellier, Montpellier, France.
10:20–10:40	Coffee break
10:40 am–12:10 pm	Abstract Presentations <i>Chairs: Thanh Thien Hoang, PhD and Scott Coven, DO, MPH</i>
10:40-10:50 am	Environmental and Genetic Causes of Pediatric Brain Cancer in Pakistan <i>Alia Ahmad, The Children’s Hospital & University of Child Health Sciences, Lahore - Pakistan</i>
10:50-11:00 am	Familial Risk Burden of Early-Onset Cancer in Children and Youth with Brain and Other Central Nervous System Tumors <i>Naying Zhou, University of Southern California, Los Angeles, CA - USA</i>
11:00-11:10 am	Incidence of primary malignant brain and central nervous system tumors by global region <i>Christine Ann Ballard, Duke University, Durham, NC - USA</i>
11:10-11:20pm	Questions and Discussion
11:20-11:30 am	Genetic Susceptibility to Cognitive Impairment among Pediatric Cancer Survivors [remote] <i>Joshua D Strauss, Baylor College of Medicine, Houston, TX - USA</i>
11:30-11:40 am	Determinants of geographic variation in incidence of adult non-malignant meningioma in the US, 2010-2019 [remote] <i>Joseph Boyle, Virginia Commonwealth University, Richmond, VA - USA</i>
11:40-11:50 am	Racial and Ethnic Disparities in Molecularly-Defined Primary Brain Tumors in the United States, 2018-2021 [remote] <i>David Gomez, University of Southern California, Los Angeles, CA - US</i>
11:50-12:10 pm	Questions and Discussion
12:10–1:40 pm	Lunch and BTEC Business Meeting
1:40-2:40 pm	Small Group Discussion
2:40-3:00 pm	Small Groups Report Back to Meeting
3:00-3:20 pm	Coffee break

3:20-4:20 pm	Abstract Presentations <i>Chairs: Luc Bauchet, MD, PhD and Johannes Hainfellner, PhD</i>
3:20-3:30 pm	Epidemiology of Rounding Error in studies of Brain Tumors <i>Jimmy Efird, Case Western Reserve University, Cleveland, Ohio - USA</i>
3:30-3:40 pm	The Epidemiological Characteristics of Cross-Provincial and Non-Cross-Provincial Brain Tumor Patients in China: A Descriptive Analysis from the National Brain Tumor Registry of China <i>Jingyao Geng, Beijing Tiantan Hospital, Capital Medical University, Beijing - China</i>
3:40-3:50 pm	<i>A metabolism-associated prognostic signature defines subtypes of glioma with IDH-mutation [Remote]</i> <i>Peng Wang, Capital Medical University, Beijing - China</i>
3:50-4:00 pm	<i>Janus Faces of Progesterone in Risk and Treatment of Glial Brain Tumors [Remote]</i> <i>Meric A. Altinoz, Acibadem University, Istanbul - Turkey</i>
4:00-4:10 pm	<i>An in vitro Human Stem Cell Platform to Model the Pathogenesis of Intracranial Germ Cell Tumors [Remote]</i> <i>Cullen D Clairmont, University of Connecticut, Farmington, CT - USA</i>
4:10-4:20pm	Questions and Discussion
4:20– 4:45 pm	Meeting Wrap Up

