

BTEC 2023 Annual Conference

Impact of Environment on Pediatric and Adult Brain Tumors

Lexington, Kentucky – USA – May 22-24, 2023

PRELIMINARY AGENDA

Monday, May 22nd	
6:00 – 8:00 pm	Cocktail reception and networking time
Tuesday, May 23rd	
7:45 – 8:15 am	Welcome coffee and badge pick-up
8:15 – 8:30 am	Welcome Remarks Michael Scheurer, Luc Bauchet, John Villano, Eric Durbin
8:30 – 10:00 am	Session 1: Genomic, epigenomic, and metabolomic considerations in the brain tumor epidemiology <i>Chairs: Michael Scheurer (Baylor College of Medicine – USA) & John Villano (University of Kentucky – USA)</i> Keynote lecture: Genomic Profiling and Methylation Classification of adult and pediatric brain tumors <i>Ken Aldape (NCI – USA)</i> Keynote lecture: Metabolomic signatures of environmental exposures <i>Lauren Petrick (Mt Sinai Medical School – USA)</i>
10:10 – 10:30 am	Coffee break
10:30 – 12:00 pm	Session 2: Cancer Clusters – what are the takeaway messages? <i>Chairs: Yan Yuan (University of Alberta – Canada) & Eric Durbin (University of Kentucky – USA)</i> Keynote lecture: Investigating cancer clusters: An overview of the methodological approach in Alberta, Canada. <i>Bethany Kaposhi (Cancer Care Alberta, Alberta Health Services – Canada)</i> Keynote lecture: How to communicate risk to the public in association with exposures and scientific uncertainty <i>Dr. Anna Hoover (University of Kentucky – USA)</i>
12:00 – 1:00 pm	Lunch and BTEC Advisory Board Meeting
1:00 – 2:30 pm	Session 3: Environmental Risks and Brain Tumors <i>Chairs: Roberta McKean-Cowdin (University of Southern California – USA) & Joe Wiemels (University of Southern California – USA)</i> Keynote lecture: Investigating the effects of air pollution on neurological outcomes <i>Dr. Megan Herting (University of Southern California – USA)</i>

	<p>Keynote lecture: PFAS and brain tumor risk <i>Zhangua Chen (University of Southern California – USA)</i></p>
<p>Session 4: Abstract Presentations</p>	
2:30 – 3:00 pm	<p>ABTA Young Investigator Award presentations <i>Introduction by Michael Scheurer (Baylor College of Medicine – USA) & Luc Bauchet (University of Montpellier – France)</i></p>
2:30 – 2:45 pm	<p>Health-related Quality of Life after Surgery for Lower Grade Gliomas <i>Anne E. Heffernann (Brigham and Women’s Hospital – USA)</i></p>
2:45 – 3:00 pm	<p>Mercury in the brain (tumor tissues) and in markers (hair and blood) of exposure in Western Amazonia patients <i>Johnathan de Sousa Parreira (Federal University of Rondônia – Brazil)</i></p>
3:00 – 3:30 pm	Coffee break
3:30 – 5:00 pm	<p>Accepted abstracts session <i>Chairs: Quinn Ostrom (Duke University – USA) & Steve Francis (UCSF – USA)</i></p>
3:30 – 3:45 pm	<p>Subsequent CNS Malignancy Among Survivors of Childhood Cancer: a Report from the Childhood Cancer Survivor Study (CCSS) <i>Robert Galvin (University of Minnesota – USA)</i></p>
3:45 – 4:00 pm	<p>Immune Profiles of Lower Grade Adult Glioma Patients <i>Margaret Wrensch (University of California San Francisco – USA)</i></p>
4:00 – 4:15 pm	<p>Associations between PM2.5, vegetation density and childhood brain tumors: a case-control registry-based study from Texas 1995-2011 <i>Lindsay A Williams (University of Minnesota – USA)</i></p>
4:15 – 4:30 pm	<p>Association between Living Near Oil and Gas Wells and Mortality in Children with Brain Tumors <i>Thanh T. Hoang (Baylor College of Medicine – USA)</i></p>
4:30 – 4:45 pm	<p>Descriptive and Clinical Epidemiology of Intracranial Solitary Fibrous Tumor in France <i>Luc Bauchet (CHU Montpellier & University of Montpellier – France)</i></p>
4:45 – 5:00 pm	<p>Subsequent Meningiomas in Survivors of Childhood Cancer: a Report from the Childhood Cancer Survivor Study (CCSS) <i>Tab Cooney (Dana Farber Cancer Institute – USA)</i></p>
5:00 – 5:15 pm	Day 1 wrap up
5:30 pm	Shuttle pick-up Hotel Lobby for social evening (not sponsored by the conference)
9:00 pm	Shuttle drop-off at hotel after social evening

Wednesday, May 24th	
8:00 – 8:30 am	Welcome coffee
8:30 – 10:00 am	<p>Session 5: New approaches to cancer investigation <i>Chairs: Carol Kruchko (CBTRUS – USA) & Kim Johnson (Washington University, St Louis – USA)</i></p> <p>Keynote lecture: SEER and the National Childhood Cancer Registry <i>Dr. Lynne Penberthy (NCI – USA)</i></p> <p>Keynote lecture: Automated registration of pathology results for brain tumors in the genomic era <i>Dr. Sandy Jones (CDC – USA)</i></p>
10:00 – 10:20 am	Coffee break
Session 6: Abstract Presentations	
10:20 – 11:20 am	<p>Accepted abstract sessions <i>Chairs: Judith Schwartzbaum (Ohio State University – USA) & Johannes Hainfellner (University of Austria – Austria)</i></p>
10:20 – 10:35 am	<p>The association between Medicaid enrollment continuity and childhood, adolescent, and young adult brain tumor survival <i>Kim Johnson (Washington University, St Louis – USA)</i></p>
10:35 – 10:50 am	<p>Interactive Effects of Molecular, Therapeutic, and Patient Factors on Outcome of Diffuse Low-Grade Glioma <i>Annette Molinaro (University of California San Francisco – USA)</i></p>
10:50 – 11:05 am	<p>Geospatial analysis of pediatric brain tumors in Kentucky, 1995-2019 <i>W. Jay Christian (Kentucky Cancer Registry – USA)</i></p>
11:05 – 11:20 am	<p>Obesogenic diet exposure increases pediatric brain tumor formation, partly through effects of maternal exposure on the tumor cell of origin <i>Nicole Brossier (Washington University, St Louis – USA)</i></p>
11:20 – 12:30 pm	Brainstorming sessions
12:30 – 1:45 pm	Lunch and BTEC Business meeting
Session 7: Abstract Presentations	
1:45 – 4:00 pm	<p>Accepted abstract sessions <i>Chairs: Ching Lau (University of Connecticut – USA) & Fredericke Erdmann (University of Mainz – Germany)</i></p>
1:45 – 2:00 pm	<p>Association between exposure to air pollution and brain tumor incidence in the United States <i>Quinn T. Ostrom (Duke University School of Medicine – USA)</i></p>
2:00 – 2:15 pm	<p>A pharmacogenomic study of germline variants in DNA repair pathways and temozolomide toxicity in adults with glioma <i>Geno Guerra (University of California San Francisco – USA)</i></p>
2:15 – 2:30 pm	<p>Antibody Reactivity to Varicella Zoster Virus Improves Glioma Survival and is Modified by Germline HLA Polymorphisms <i>Stephen Francis (University of California San Francisco – USA)</i></p>

2:30 – 2:45 pm	<p>Exploring delays in diagnosis for children with brain and spinal cord tumors: A call to action <i>Scott Coven (Indiana University School of Medicine – USA)</i></p>
2:45 – 3:00 pm	<p>Rates of Pre-operative Seizure in Patients with Meningioma: A Systematic Review and Meta-analysis of Risk Factors <i>Andrew Nguyen (University of Florida – USA)</i></p>
3:00 – 3:15 pm	<p>Genome-wide polygenic score for glioma improves risk prediction <i>Taishi Nakase (Stanford University School of Medicine – USA)</i></p>
3:15 – 3:30 pm	<p>Genomic and serologic evaluation of Alzheimer’s disease risk factors in the etiology of glioblastoma <i>Christine A. Ballard (University of North Carolina – USA)</i></p>
3:30 – 3:45 pm	<p>Region-based analyses of existing GWAS datasets discovers potential novel genetic risk regions for glioma <i>Karen Alpen (The University of Melbourne – Australia)</i></p>
3:45 – 4:00 pm	<p>Glioblastoma in the Real-World Setting: Patterns of Care and Outcome in the Austrian population <i>Andreas Hainfellner (Medical University of Vienna – Austria)</i></p>
4:00 – 4:15 pm	<p>Meeting wrap-up</p>