

BTEC 2022 Annual Conference

Pediatric Brain Tumors: Origins, Epidemiology, and Classification

Lyon, France– June 20-22, 2022

AGENDA

Monday, June 20th	
6:00 – 8:00 pm	Cocktail reception and networking time
Tuesday, June 21st	
7:45 – 8:15 am	Welcome coffee and badge pick-up
8:15 – 8:30 am	Welcome Remarks <i>Kim Johnson (Washington University in St. Louis – USA) & Luc Bauchet (University Hospital of Montpellier – France)</i>
Session 1: Overview: Origins & Epidemiology	
8:30 – 9:00 am	Keynote lecture: Developmental Origins of Pediatric Brain Tumors <i>Silvia Marino (Centre for Genomics for Child Health, Queen Mary, University of London – United Kingdom)</i> <i>Introduction: Johannes Hainfellner (Medical University of Vienna – Austria)</i>
9:00 – 9:15 am	Q&A
9:15 – 9:45 am	Keynote lecture: Overview of the epidemiology of childhood central nervous system tumors <i>Joachim Schüz (International Agency for Research on Cancer, IARC, – France)</i> <i>Introduction: Michael Scheurer (Baylor College of Medicine – USA)</i>
9:45 – 10:00 am	Q&A
10:10 – 10:30 am	Coffee break
Session 2: Classification	
10:30 – 11:00 am	Keynote lecture: Updates on the classification of childhood central nervous system tumors – impact on etiology and clinical investigations. <i>Eva Steliarova-Foucher (International Agency for Research on Cancer, IARC – France)</i> <i>Introduction by Johannes Hainfellner (Medical University of Vienna – Austria)</i>
11:00 – 11:15 am	Q&A
11:15 – 11:45 am	Keynote lecture: Classification and Reporting of the Global Burden of Pediatric Brain Tumors: Incidence and Survival <i>Fabio Girardi (London School of Hygiene and Tropical Medicine – United Kingdom)</i> <i>Introduction by Luc Bauchet (University Hospital of Montpellier – France)</i>
11:45 am – 12:00 pm	Q&A
12:00 – 1:00 pm	Lunch and BTEC Advisory Board Meeting

Session 3: Data Collection & Reporting

1:00 – 1:30 pm	Keynote lecture: Addressing Collection of Global Data on Brain Tumors <i>Nickhill Bhakta (St Jude Children's Research Hospital – USA)</i> <i>Introduction by Kim Johnson (Washington University in St. Louis – USA)</i>
1:30 – 1:45 pm	Q&A
1:45 – 2:15 pm	Keynote lecture: Pilocytic Astrocytoma: Solving the Conflict in Reporting <i>Tarik Tihan (University of California San Francisco – USA)</i> <i>Introduction by Carol Kruchko (Central Brain Tumor Registry of the U.S. – USA)</i>
2:15 – 2:30 pm	Q&A

Session 4: Abstract Presentations

2:30 – 3:00 pm	ABTA Young Investigator Award presentations <i>Introduction by Kim Johnson (Washington University in St. Louis) & Luc Bauchet (University Hospital of Montpellier – France)</i>
2:30 – 2:45 pm	US ABTA Young Investigator Award recipient: Understanding racial disparities in pediatric malignant glioma management: A United States perspective <i>Victor M. Lu (University of Miami – USA)</i>
2:45 – 3:00 pm	Non-US ABTA Young Investigator Award recipient: Population-based whole-genome sequencing with constrained gene analysis identifies predisposing germline variants in children with central nervous system tumors <i>Jon Foss-Skiftesvik (Rigshospitalet – Denmark)</i>
3:00 – 3:30 pm	Coffee break
3:30 – 5:00 pm	Accepted abstracts session <i>Chairs: Roberta Mckean-Cowdin (University of Southern California – USA) and Quinn Ostrom (Duke University – USA)</i>
3:30 – 3:45 pm	A novel classification of pediatric CNS tumors for cancer registries using a clustering analysis <i>Nickhill Bhakta (St Jude Children's Research Hospital – USA)</i>
3:45 – 4:00 pm	Prevalence of brain and central nervous system tumors in children and adolescents in the US, 2022 <i>Quinn T. Ostrom (Duke University School of Medicine – USA)</i>
4:00 – 4:15 pm	Incidence trends of childhood central nervous system tumors in Finland 1990–2017 <i>Jad Abuhamed (Tampere University – Finland)</i>

4:15 – 4:30 pm	Central nervous system tumours in children in the European Cancer Information System (ECIS) <i>Carmen Martos (European Commission's Joint Research Centre – Italy)</i>
4:30 – 4:45 pm	Epidemiology of childhood brain tumors in France: preliminary results of a nationwide study <i>Luc Bauchet (University Hospital of Montpellier – France)</i>
4:45 – 5:00 pm	Spatial Clustering of Pediatric Brain Tumors in Texas, USA <i>Thanh T. Hoang (Baylor College of Medicine – USA)</i>
5:00 – 5:30 pm	Collaborative updates: Occupational and Environmental Risk Factors, Lower grade glioma, and other collaborative projects <i>Elizabeth Claus (Yale University School of Public Health – USA)</i> <i>Margaret Wrensch (University of California at San Francisco – USA)</i> <i>Paige Bracci (University of California at San Francisco – USA)</i> <i>Introduction by Stephen Francis (University of California—San Francisco – USA)</i>
5:30 – 5:40 pm	Day 1 wrap up
7:00 pm	Conference Dinner (not sponsored by the conference)
Wednesday, June 22	
8:00 – 8:30 am	Welcome coffee
8:30 – 9:00 am	Keynote lecture: Epigenome deregulation and the origin of childhood brain tumours <i>Zdenko Herceg (International Agency for Research on Cancer – France)</i> <i>Introduction by Joe Wiemels (University of Southern California – USA)</i>
9:00 – 9:15 am	Q&A
Session 5: New Data Sources/Methods/Collaborations	
9:15 – 9:45 am	Keynote lecture: Pediatric Cancer Survivorship Data Sources: Children's Oncology Group and the National Childhood Cancer Registry <i>Amie Hwang (University of California at San Francisco – USA)</i> <i>Introduction by Yan Yuan (University of Alberta – Canada)</i>
9:45 – 10:00 am	Q&A
10:00 – 10:20 am	Coffee break
Session 6: Abstract Presentations	
10:20 – 11:20 am	Accepted abstract sessions <i>Chairs: Judith Schwartzbaum (The Ohio State University) and Luc Bauchet (University Hospital of Montpellier – France)</i>
10:20 – 10:35 am	Early mortality in children diagnosed with CNS-tumors in Denmark and Sweden: the role of social background in a setting with universal health care <i>Hanna Mogensen (Karolinska Institutet – Sweden)</i>
10:35 – 10:50 am	Mortality after a brain tumor diagnosis in children with cancer-linked birth defects: a Swedish register-based study of 40 years <i>Christina-Evmorfia Kampitsi (Karolinska Institutet – Sweden)</i>

10:50 – 11:05 am	Presence of antibodies to Varicella-Zoster virus and three other herpesviruses and survival in adults with glioma <i>Geno Guerra (University of California San Francisco – USA)</i>
11:05 – 11:20 pm	Breastfeeding and Risk of Childhood Brain Tumors: An International Pooled Analysis <i>Michael Scheurer (Baylor College of Medicine – USA)</i>
11:20 – 12:10 pm	Brainstorming sessions 1. Survivorship 2. Etiology 3. Global registration
12:10 – 12:30 pm	Brainstorming reports
12:30 – 1:45 pm	Lunch and BTEC Business meeting
Session 7: Abstract Presentations	
1:45 – 4:00 pm	Accepted abstract sessions <i>Chairs: Michael Scheurer (Baylor College of Medicine – USA) and Quinn Ostrom (Duke University – USA)</i>
1:45 – 2:00 pm	Survival Trends in Primary Brain Tumors by Malignant and Non-Malignant Status from National Program of Cancer Registries, 2004-2017 <i>Jacob Edelson (National Cancer Institute – USA)</i>
2:00 – 2:15 pm	Survival Experience and Prevalence of Central Nervous System (CNS) Tumour by Sex in Canada -- a report from The Brain Tumour Registry of Canada Surveillance Research Collaboration Group <i>Yan Yuan (University of Alberta – Canada)</i>
2:15 – 2:30 pm	Facility volume and survival among individuals diagnosed with malignant central nervous system tumors <i>Kimberly J. Johnson (Washington University in St. Louis – USA)</i>
2:30 – 2:45 pm	Midline versus Hemispheric Pediatric High-Grade Gliomas; first-line treatment and survival characteristics in the Netherlands during the period 2003-2017 - a population-based study <i>Raoull Hoogendijk (Princess Máxima Center for Pediatric Oncology – The Netherlands)</i>
2:45 – 3:15 pm	Coffee break
3:15 – 3:30 pm	Pooled Analysis of Meningioma Risk Following Treatment for Childhood Cancer <i>Diana R Withrow (University of Oxford – United Kingdom)</i>
3:30 – 3:45 pm	Novel specific susceptibility loci identified for pediatric and adult ependymoma in first histology-specific genome-wide association study <i>Maral Adel Fahmideh (Baylor College of Medicine – USA)</i>
3:45 – 4:00 pm	Functional consequence of low-grade glioma risk SNP in modified HEK293T cells <i>Adam Rosenbaum (Umeå University – Sweden)</i>

4:00 – 4:15 pm

Meeting wrap-up

Kim Johnson (Washington University in St. Louis) and Luc Bauchet (University Hospital of Montpellier – France)

Abstract Presentations available on demand on our website:

Long-term medical and functional outcomes of ependymoma survivors: a population-based, matched cohort study

Hallie Coltin (Hospital for Sick Children – Canada)

Localized variation in ancestral admixture identifies pilocytic astrocytoma risk loci among Latino children

Shaobo Li (University of Southern California – USA)