BTEC 2019 Annual Conference

Brain Tumor Disparities: From Biology to Social Determinants

Hawthorne, California (near Los Angeles)

June 5-7, 2019

AGENDA

Wednesday, June 5

6:00-8:00 pm  Reception at the Ayres Hotel
Thursday, June 6

8:00 – 8:30 am  Breakfast and badge pick-up at the registration desk

8:30 – 8:40 am  Welcome Remarks

8:40 – 9:25 am  **Presentation: Current evidence linking viral exposures to glioma risk.**  
Kathleen Egan, PhD, Moffitt Cancer Center, Tampa, FL - USA  
*Introduction by Johannes Hainfellner*

9:25-9:40 am  Discussion

9:40 – 10:25 am  **Presentation: The etiopathogenesis of diffuse low-grade gliomas: the functional theory**  
Luc Bauchet, MD, PhD, Montpellier University Hospital, Montpellier – France  
*Introduction by Judith Schwartzbaum*

10:25-10:40 am  Discussion

10:40 – 11:00 am  **Coffee break**

11:00 –11:45 pm  **Keynote lecture: Exhaustion in Glioblastoma: Intricacies of Immune Checkpoints**  
Reza Mirzaei, PhD, Department of Neuroimmunology, University of Calgary - Canada  
*Introduction by Michael Scheurer*

11:45-12:00 pm  Discussion

12:00 –1:30 pm  **Lunch Buffet** and BTEC Advisory Board Meeting

1:30 – 2:00pm  American Brain Tumor Association, Young Investigator Abstract Winner Lectures

1:30 – 1:45pm  **Are tumors of the central nervous system in children associated with socioeconomic factors? Findings from a nationwide case-control study in Denmark**  
Friederike Erdmann, Childhood Cancer Research Group, Danish Cancer Society Research Center, Copenhagen, Denmark

1:45 – 2:00pm  **Immune factors preceding diagnosis of glioma: a Prostate Lung Colorectal Ovarian Cancer Trial nested case-control study**  
Ivo S Muskens MD, Keck School of Medicine, Los Angeles USA
2:00 – 2:45 pm  
**Presentation:** The DNA methylation landscape of glioblastoma disease progression shows extensive heterogeneity in time and space.
Adelheid Wöhrer, MD, PhD, University of Vienna, Austria
*Introduction by Judith Schwartzbaum*

2:45- 3:00 pm  
Discussion

3:00 – 3:15 pm  
**Coffee Break**

3:15 – 4:00pm  
**Keynote lecture:** Immunomethylomic profiling of glioma patients at UCSF
Annette Molinaro, MA, PhD and John Wiencke, PhD, University of California at San Francisco, USA

4:00 – 4:15 pm  
Discussion

4:15 – 5:00 pm  
**Panel discussion:** Is glioma caused by “bad luck”? If so, is further research on glioma etiology productive? Moderated by Judith Schwartzbaum, Luc Bauchet and Kathleen Egan.

5:00 – 5:45 pm  
**Abstract presentations**
Chairs: Kimberly Johnson and Michael Scheurer

5:00 – 5:15pm  
**Glioma incidence and survival variation by county-level socioeconomic measures**
David J. Cote, Channing Division of Network Medicine, Harvard Medical School, Brigham and Women’s Hospital, Boston, USA

5:15 – 5:30pm  
**Comprehensive review of cranial chordomas using national databases in the United States**
John L. Villano, MD, PhD, University of Kentucky, Lexington, USA

5:30 – 5:45pm  
**Incidence and Survival of Pilocytic Astrocytoma in Children in the USA, 2000-2015**
Qianxi Feng MPH, Department of Preventative Medicine, University of Southern California, Los Angeles, USA

7:30 pm  
**Conference Dinner:** Salt Creek Grille
2015 E. Park Place – El Segundo, CA 90245
Friday, June 7

8:00 – 8:30 am  Welcome breakfast

8:30 – 9:15 am  Keynote lecture: Epigenetics and understanding the impact of social determinants of health
Daniel Notterman, PhD, Molecular Biology, Princeton University, Princeton, USA
Introduction by Judith Schwartzbaum

9:15 - 9:30 am  Discussion

9:30 – 10:15 am  Presentation: Socioeconomic disparities in brain tumor risk and survival
Maria Feychting PhD, Karolinska Institutet, Stockholm, Sweden
Introduction by Kimberly Johnson

10:15 – 10:30 am  Discussion

10:30 – 10:45 am  Coffee Break

10:45 am – noon  Abstract Presentations
Chairs: Adelheid Wöhrer and Judith Schwartzbaum

10:45 – 11:00 am  Socioeconomic Status and Childhood Central Nervous System Tumors in California
Stephen Francis, PhD, UCSF Neuro and Molecular Epidemiology Laboratory, San Francisco, USA

11:00 – 11:15 am  Molecular Signatures of Glioma Causation
Elizabeth B. Claus, MD, PhD, Department of Biostatistics, Yale School of Public Health, Yale School of Medicine and Department of Neurosurgery, Brigham and Women’s Hospital, Boston, USA

11:15 – 11:30 am  Hepatitis in Taiwan and Risk for Pediatric Central Nervous System Tumors
Julia E. Heck, PhD, Department of Epidemiology, Fielding School of Public Health and Jonsson Comprehensive Cancer Center, UCLA, Los Angeles, USA.

11:30 – 11:45 am  Recruitment and longitudinal sample collection in an immune profiles study of adult glioma patients
Pavan Shrestha, Department of Neurological Surgery, UCSF, San Francisco, USA
11:45 – noon  Applying quantitative immunomethylomics to evaluate peripheral T cell status among glioma patients before and after surgical resection
Helen Hansen PhD, Department of Neurological Surgery, University of California, San Francisco, San Francisco, USA

Noon – 1:30 pm  Lunch
BTEC Business Meeting

1:30-2:15 pm  Presentation: Childhood Brain Tumors: Social determinants of disparities in risk and outcomes
Michael Scheurer, PhD, Baylor College of Medicine, Houston, USA.

2:15-2:45 pm  Abstract presentations
Chairs: Johannes Hainfellner and Luc Bauchet

2:15 – 2:30pm  Implementation of a targeted next-generation sequencing panel for the diagnosis and precision medicine treatment of adult patients with WHO grade IV diffuse gliomas
Yalan Zhang, MS, Department of Neurological Surgery, UCSF, San Francisco, USA

2:30 – 2:45pm  Multiparametric MR-Imaging and machine learning in Glioblastoma patients
Pranathi Chunduru, University of California San Francisco, San Francisco, USA