

The 4th Brain Tumors 2018: From Biology to Therapy Conference, Warsaw, 21-23 June 2018, Nencki Institute

Meeting Sponsored by EACR (European Association for Cancer Research)

CONFERENCE PROGRAM – DAY 1

THURSDAY, 21 June 2018

11.00-13:00	Registration and welcome coffee
13.00-14:00	Keynote lecture: Luis F. Parada (Memorial Sloan Kettering Cancer Center, New York, USA) The role of cell of origin and cancer stem cells in GBM Phenotype EACR sponsored lecture
14:00-17:50	Brain tumor pathobiology and diagnostics (chairs: Dolores Hambardzumyan, B. Kaminska)
14:00-14:40	Dinorah Friedmann-Morvinski (Tel Aviv University, Israel) Cell state reprogramming and oncogene-induced plasticity in glioblastoma
14:40-15:20	Gabriele Bergers (University of Leuven, Leuven, Belgium) Glioma heterogeneity in space and time
15:20-16:00	Katrin Lamszus (Universitätsklinikum Hamburg-Eppendorf; Hamburg, Germany) Single cell tracking analysis of the clonal architecture and clonal immunoediting in gliomas using optical barcoding
16:00-16:30	Coffee break
16:30-17:10	William Leenders (Radboud University Medical Centre, Nijmegen, Netherlands) Quantitative targeted next generation RNA sequencing to identify aberrant biology in glioma: its value for molecular diagnosis, prognosis and personalized therapy predictions
17:10-17:50	Geoffrey J. Pilkington (Brain Tumour Research Centre, University of Portsmouth, UK) Three dimensional human in vitro models pave the way for drug delivery and fast tracking of repurposed and reformulated drugs to clinic in neuro-oncology
18:00-21:00	Welcome reception

CONFERENCE PROGRAM – DAY 2

Friday, 22 June 2018

9:00–17:30	Glioma immunology and immunotherapy (chairs: Christel Herold-Mende, Aleksandra Ellert-Miklaszewska)
9:00–9:40	Helmut Kettenmann (Max Delbrück Center, Berlin, Germany) Mechanisms of microglia/brain macrophage interaction with glioma
9:40–10:20	Bozena Kaminska (Nencki Institute, Warsaw, Poland) Targeting glioma-microglia communication
10.20–10.50	Coffee break
10.50-11.30	Bjarne Winther Kristensen (University of Southern Denmark, Odense, Denmark) Tumor associated microglia/macrophages in gliomas - a critical player in the tumor microenvironment
11:30–12:10	Dolores Hambardzumyan (Emory University, School of Medicine, Atlanta, USA) Genetic driver mutations and immune microenvironment in GBM
12:10–12.50	Christel Herold-Mende (University of Heidelberg, Germany) T cell target antigens and immunobiology of gliomas
12.50-13.50	Lunch break
13:50–14:30	Michael Platten (University Hospital Heidelberg and German Cancer Research Center, Germany) Determinants of response to checkpoint blockade in glioma
14:30-15:10	Simone Niclou (NorLux Neuro-Oncology Laboratory, Luxembourg Institute of Health, Luxembourg) Stem cell-associated heterogeneity in glioblastoma results from intrinsic tumor plasticity shaped by the microenvironment
15:10–15:40	Coffee break
15:40–16:10	Chay T. Kuo (Duke University School of Medicine, Durham, USA) Ventricular progenitor cellular plasticity and tumor initiation
16:10–16:50	Tambet Teesalu (University of Tartu, Tartu, Estonia) Homing peptides for glioma targeting: discovery and applications for precision guided drug delivery
16:50–17:30	Oral presentations (4x10 min)
17:30–19:00	Poster session (wine and cheese by the posters)
20:00-23:00	Gala dinner (by invitation)

CONFERENCE PROGRAM – DAY 3**SATURDAY, 23 June 2018**

9:00–11:40	Brain tumor pathobiology and diagnostics (chairs: K. Bankiewicz, M. Zabek)
9.00-9.40	Krystof Bankiewicz (University of California, San Francisco, USA) Large and small volume MR-guided therapeutic infusions in recurrent GBM and DIPG
9:40–10:20	Massimo Squatrito (Spanish National Cancer Research Center, Madrid, Spain) - TRKing down novel therapeutic targets in gliomas
10:20-11:00	Daniel A. Lim (University of California, San Francisco, USA) Long noncoding RNAs (lncRNA) as therapeutic targets in glioma
11:00–11:40	Tika Benveniste (University of Alabama at Birmingham, USA) Impact of the Microbiome on Therapeutic Efficacy in GBM
11:40–12.10	Coffee break
12.10-15.10	Brain tumor pathobiology and diagnostics (chairs: T. Benveniste, S. Nawrocki)
12.10-12:50	Maria G. Castro (University of Michigan, USA) Epigenetic reprogramming in mutant IDH1 glioma mediates ATM upregulation and DNA damage response: therapeutic implications
12:50-13:20	Lunch
13.20-14.20	Waldemar Priebe (MD Anderson Cancer Center, University of Texas, Houston, USA) Multitargeted approach to CNS Malignancies
14.20-14.40	Angela J Waanders The Children’s Brain Tumor Tissue Consortium (Children Hospital in Philadelphia, USA) Current Landscape: CBTTC International Pediatric Brain Tumor Collaborative Research Consortia
14.40-15.10	Bartosz Wojtas (Nencki Institute/Polish Network for Glioma therapy) Target sequencing of 700 cancer related genes reveals novel targets for glioma therapy
15.10-15.20	Closing remarks
15.30-19.00	Guided tour: Warsaw sightseeing