

BRAIN TUMORS 2012 - FROM BIOLOGY TO THERAPY

May 28-30, 2012, Warsaw, Poland

Venue: Aula of the Warsaw University of Life Sciences-SGGW, Rakowiecka 30 str.

Organized by the Nencki Institute of Experimental Biology and The Neurobiology Committee of Polish Academy of Sciences

Bozena Kaminska (Poland), Helmut Kettenmann (Germany), Rainer Glass (Germany), Manuel Graeber (Australia) Chairs of the Brain Tumors 2012 Meeting

Meeting Program

May 28, 2012	
8.00-9.00 Registration	
Origin of brain tumors	
9.00-9.40	David J. Kwiatkowski (Brigham and Women's Hospital, Boston, USA)- Tuberos Sclerosis Complex: genes, signaling, brain tumors, and therapy.
9.40-10.20	Hiroko Ohgaki (International Agency for Research on Cancer, France) TBA
10.20-11.00	Lene Uhrbom (Uppsala University, Rudbeck Laboratory) - Stratification of glioblastoma based on cell of origin
11.00-11.30	Coffee break
11.30-12.10	Dolores Hambardzumyan (Cleveland Clinic, Lerner Research Institute, USA) - Genetically engineered mouse models of brain tumors are useful tools for pre-clinical applications
12.10 -12.50	Pawel Liberski (Medical University of Lodz, Poland) - Autophagy in brain tumors
12.50-13.40	Lunch break
Brain tumor microenvironment and immunology	
13.40-14.20	Helmut Kettenmann (Max Delbruck Center, Germany) - Mechanisms of microglia-glioma interactions
14.20-15.00	Amy Heimberger (The University of Texas M. D. Anderson Cancer Center, USA) - The signal transducer and activator of transcription 3: Role in immune suppression, therapeutic resistance, gliomagenesis, and potential for therapeutic targeting
15.00-15.30	Coffee break
15.30 16.10	Bozena Kaminska (Nencki Institute, Poland) – Molecules and signaling pathways driving protumorigenic activation of brain macrophages
16.10-16.50	Michal Schwartz (Weizman Institute, Israel) - Circulating immune cells protects the brain in health and disease: what can tumor immunology teach us about neurodegenerative disease?
16.50-17.30	Manuel Graeber (Australia) - Microglia as a therapeutic target in gliomas
17.30-18.30	Oral presentations and poster session
18.30-21.00 Welcome cocktail	
May 29, 2012	
Brain tumors and stem cells	
9.00-9.40	Angelo Vescovi (University of Milano-Bicocca, Italy) - Regulatory niche effectors in glioma stem cells: the role of the Ephrins
9.40-10.20	Rainer Glass (Ludwig-Maximilians-University, Munich, Germany) - The release of bioactive lipids (endovanilloids) from neural precursors induces glioma cell death
10.20-11.00	Katrin Lamszus (University Medical Center Hamburg-Eppendorf, Germany) - Modeling of adaptive glioma stem cell behaviour
11.00-11.30	Coffee break
11.30-12.10	Piotr Rieske (Medical University of Lodz, Poland) - The challenge of culturing in vitro human glioma cells
12.10 -12.50	Ulrich Schuller (Ludwig-Maximilians-University, Munich, Germany) - Novel origins of medulloblastoma
12.50-13.40	Lunch break
Origin of brain tumors and signaling	
13.40-14.20	Eric Holland (Memorial Sloan-Kettering Cancer Center, USA) - The PDGF/proneural gliomas in mouse and man
14.20-15.00	Guido Reifenberger Ulrich Schuller (Heinrich Heine University Düsseldorf, Germany) - The role of microRNA in glioma pathogenesis
15.00-15.30	Coffee break
15.30 16.15	Andreas Bikfalvi Rolf Bjerkvig (University of Bergen, Norway (University of Bordeaux, France) - Angiogenesis and tumor cell invasion in glioma: friends or foes?

16.15-17.00	Frank Winkler (Germany) - The role of blood vessels for brain tumor progression and therapy
17.00-17.45	Rolf Bjerkvig (University of Bergen, Norway) - Brain tumor initiation and progression: adaptive mechanisms to antivasular therapy
17.45-18.25	Wieslawa Grajkowska (The Children's Memorial Health Institute, Poland) - Histological and molecular features of medulloblastoma. A new approach to prognostically relevant molecular subclassification
May 30, 2012	
Brain tumors therapy	
9.00-9.40	Michael Weller (Switzerland) - Molecular approaches to glioblastoma: personalized medicine ante portas?
9.40-10.20	Krystof Bankiewicz (University of California, San Francisco, USA) - Direct MR-guided intratumoral delivery of therapeutics for GBM
10.20-11.00	Francois Vallette (University of Nantes, France) - Targeting metabolism and epigenetics for the treatment of glioblastoma multiforme
11.00-11.30	Coffee break
11.30-12.00	Waldemar Priebe (The University of Texas M. D. Anderson Cancer Center, USA) - Discovery and development of novel therapeutics for CNS malignancies
12.00 -12.30	Guillermo Velasco (Complutense University, Madrid, Spain) - Towards the utilization of cannabinoids as anticancer agents in glioma
12.30-13.30	Lunch break and Poster session
13.30-14.00	Konrad Gabrusiewicz (The University of Texas M. D. Anderson Cancer Center, USA) - New insights into antiangiogenic therapy in gliomas - understanding the role of Tie2-expressing monocytes
14.00-14.30	Sergio Comincini (University of Pavia, Italy)- Different molecular-based strategies to induce autophagic cell death in human glioma cells
14.30-15.00	Iwona Ciechomska (Nencki Institute, Poland) - Roles of autophagy and ER stress in glioma cell death
15.00 15.30	Closing remarks

The Local Organizing Committee: Bozena Kaminska (Nencki Institute), Aleksandra Ellert-Miklaszewska (Nencki Institute), Iwona Ciechomska (Nencki Institute), Jan Komorowski (University of Warsaw, Poland/Uppsala University, Sweden), Piotr Widlak (Oncology Center-Gliwice)