

The 5th Brain Tumors: From Biology to Therapy Conference, JUNE 22-24, 2022
the Nencki Institute, Warsaw, Pasteur 3 str.

CONFERENCE PROGRAM – DAY 1

WEDNESDAY, June 22, 2022

11:00–13:00		Registration and welcome coffee
13:00–14:00		Keynote lecture: John de Groot, MD Anderson Cancer Center, USA <i>The future of immunotherapy for glioma</i>
14:00–17:20		Brain tumor pathobiology (chairs: Dolores Hambarzumyan, Bozena Kaminska)
14:00–14:35		Constantinos G. Hadjipanayis , Icahn School of Medicine at Mount Sinai, USA <i>Fluorescence-guided surgery and photodynamic therapy of brain tumors: a new combination</i>
14:35–15:10		Martin van den Bent , Erasmus MC Cancer Institute, Rotterdam, the Netherlands <i>The landscape of clinical trial in glioma: recently completed and ongoing projects</i>
15:10–15:40		Coffee break
15:40–16:15		Oren Becher , Mount Sinai Icahn School of Medicine, USA <i>Cellular heterogeneity in diffuse midline gliomas</i>
16:15–16.50		Jacek Majewski , McGill University, Canada <i>Epigenomic landscapes of H3K27M mutant gliomas</i>
16.50-17.20		Oral presentations (3x10 min)
17:20–18:50		Poster session part I
19:00–21:00		Welcome reception

CONFERENCE PROGRAM – DAY 2

THURSDAY, June 23, 2022

09:00–12:25		Glioma microenvironment, immunology and immunotherapy I (chairs: Christel Herold-Mende, Aleksandra Ellert-Miklaszewska)
09:00–9:35		Bozena Kaminska , Nencki Institute, Warsaw, Poland <i>Immune microenvironment of glioma at single cell resolution</i>
09:35–10:10		Dolores Hambarzumyan (Icahn School of Medicine, Mount Sinai, USA) <i>Glioblastoma subtype-specific heterogeneity of the immune microenvironment</i>
10:10–10:40		Coffee break

10:40–11:15	Katrin Lamszus (Universitätsklinikum Hamburg-Eppendorf; Hamburg, Germany) <i>Cancer immunoediting in malignant glioma - interactions between immune cells and tumor cells</i>
11:15–11:50	Dieter Henrik Heiland , University of Freiburg, Germany <i>Spatiotemporal dynamics in the structural immunity of the glioblastoma microenvironment</i>
11:50–12:25	Christel Herold-Mende , University of Heidelberg, Germany <i>Determinants of immune cell infiltration and immune responses in brain tumors</i>
12:25–13:25	Lunch break
13:25–18:00	Brain tumor microenvironment, immunology and immunotherapy II (chairs: Dinorah Friedman-Morvinski, Wiesława Grajkowska)
13:25–14:00	Alessandro Michelucci , Neuro-Immunology Group, Department of Oncology, Luxembourg Institute of Health, Luxembourg <i>Revealing and harnessing tumor-associated microglia/macrophage heterogeneity in glioblastoma</i>
14:00–14:35	Waldemar Debinski , Wake Forest School of Medicine, USA <i>Novel targeted drug candidates for GBM treatment</i>
14:35–15:10	Dinorah Friedmann-Morvinski , Tel Aviv University, Israel <i>Boosting CAR T cell efficacy by modulation of the microenvironment in brain tumors</i>
15:10–15:35	Coffee break
15:35–16:10	Houtan Noushmehr , Henry Ford Cancer Institute, USA <i>Advances in epigenomic classification and liquid biopsy in glioma</i>
16:10–16:45	Neta Erez , Tel Aviv University, Israel <i>Systemic instigation of neuroinflammation facilitates brain metastasis</i>
16:45–17:20	Hai-kun Liu , German Cancer Research Center (DKFZ), Germany <i>Metabolic plasticity and cancer stem cell dormancy in glioblastoma</i>
17:20–17.50	Oral presentations (3x10 min)
17.50–19:40	Poster session part II
20:00–23:00	Gala dinner (by invitation)

CONFERENCE PROGRAM – DAY 3

FRIDAY, June 24, 2022

09:00–15:60	Brain tumor pathobiology, diagnostics & therapy (chairs: Tika Benveniste, Sergiusz Nawrocki)
09:00–9:35	Itay Tirosh , Weizmann Institute of Science, Israel <i>Dissecting intra-tumor and inter-tumor heterogeneity in glioma</i>
09:35–10:10	Rolf Bjerkvig , University of Bergen, Norway <i>Glioma cell invasion: growth patterns and mechanistic insight</i>
10:10–10:40	Coffee break
10:40–11:15	Guido Reifenberger , University of Dusseldorf, Germany <i>TBA</i>
11:15–11:50	Maciej S. Lesniak , Northwestern University Feinberg School of Medicine, USA <i>Targeting HER2+ Breast Cancer Metastases in the Brain</i>
11:50–12:25	Maria G. Castro , University of Michigan Medical School, USA <i>Epigenetic reprogramming of the tumor immune microenvironment in mutant IDH1 gliomas mediated myeloid cell populations and reverses immunosuppression</i>
12:25–13:25	Lunch break
13:25–14:00	Maciej Wiznerowicz , International Institute for Molecular Oncology, Poland <i>Cancer Stemness as Hallmark of Oncogenic De-differentiation</i>
14:00–14:35	Petra Hamerlik , Astrazeneca, UK <i>Functional interplay between aberrant DNA repair and cellular hierarchies in glioblastoma</i>
14:35–15:10	Agnieszka Bronisz , Mossakowski Medical Institute, Poland <i>Targeting hypoxia response for oncolytic virus immunotherapy</i>
15:10-15:45	Waldemar Priebe , MD Anderson Cancer Center, University of Texas, Houston, USA <i>Drug discovery in academia: focus on CNS malignancies</i>
15:45-16:20	Glenn Lesser , Wake Forest School of Medicine, USA <i>TBA</i>
16:20–16.30	Closing remarks
16.30–19:00	Guided tour: Warsaw sightseeing