



Brain Tumor Meeting 2022

May 19 – 20, 2022 | Berlin | Germany

Scientific Program

Thursday, May 19, 2022

14:00 – 14:05	Welcome Address: Michael Synowitz (Co-Chair), UKSH, Kiel)
14:05 – 15:25	Session I Chair: Susanne Wolf (Charité, Berlin)
14:05 – 14:45	Plenary Lecture I Gabriele Bergers (<i>VIB-KU Leuven Center for Cancer Biology, Belgium</i>) METABOLIC TRAITS OF GLIOMA INVASION
	Oral Presentations I
14:45 – 15:05	Katarzyna Leszczynska (<i>Neurobiology Center, Nencki Institute of Experimental Biology, Warsaw, Poland</i>) HYPOXIA DRIVES REPRESSION OF MULTIPLE PATHWAYS THROUGH EPIGENETIC REPROGRAMMING OF GLIOBLASTOMA
15:05 – 15:25	Agnieszka Chryplewicz (<i>Swiss Institute for Experimental Cancer Research (ISREC), Swiss Federal Institute of Technology Lausanne, Switzerland</i>) CO-TARGETING AUTOPHAGY, MACROPHAGES AND VASCULATURE IN GLIOMA TUMORS TRIGGERS IMMUNOGENICITY
15:25 – 16:10	Poster Session and Coffee Break
16:10 – 17:40	Session II Chair: Michela Serresi (MDC, Berlin)
16:10 – 16:50	Plenary Lecture II Manuel Valiente (<i>CNIO - Centro Nacional de Investigaciones Oncológicas, Madrid, Spain</i>) EXPLOITING THE TRANSLATIONAL POTENTIAL OF ESTABLISHED AND NEW BRAIN METASTASIS MODELS
	Oral Presentations II
16:55 – 17:10	Lisa Sevenich (<i>Georg-Speyer-Haus, Institute for Tumor Biology and Experimental Therapy, Frankfurt, Germany</i>) DISSECTING THE ROLE OF CSF2RB-STAT5 SIGNALING IN TUMOR-ASSOCIATED INFLAMMATION IN BRAIN METASTASIS
17:10 – 17:30	Philip Schmassmann (<i>Department of Biomedicine, University of Basel, Switzerland</i>) MICROGLIA-SPECIFIC DISRUPTION OF SIALIC ACID-SIGLEC-9/E INTERACTIONS: A NOVEL IMMUNOTHERAPY AGAINST GLIOBLASTOMA?

17:30 – 18:15	Coffee Break and Poster Session
18:15 – 19:50	Session III Chair: Charlotte Flüh (UKSH, Kiel)
18:15 – 18:55	Plenary Lecture III Itay Tirosh (<i>Department of Molecular Cell Biology, Weizmann Institute of Science, Rehovot, Israel</i>) DISSECTING INTRA-TUMOR AND INTER-TUMOR HETEROGENEITY IN GLIOMA
18:55 – 19:15	Oral Presentations III Jasim Kada Benotmane (<i>Neurosurgery, Albert-Ludwigs-University Freiburg, Germany</i>) SPATIALLY RESOLVED T-CELL RECEPTOR SEQUENCING (SPTCR-SEQ) UNCOVERS REGIONAL DIVERSITY OF ANTI-TUMOR IMMUNE RESPONSES
19:15 – 19:35	Björn Brändl (<i>Zentrum für Integrative Psychiatrie -ZIP Kiel, Kiel, Germany</i>) INTRAEPILGIOM- RAPID SEQUENCING-BASED DIAGNOSIS OF BRAIN TUMORS
20:00	Reception at the Stadtgut Buch Barn

Friday, May 20, 2022

9:00 – 9:40	Session IV Chair: Gaetano Gargiulo (MDC, Berlin)
9:00 - 9:40	Plenary Lecture IV Chair: Gaetano Gargiulo Giulio F. Draetta (<i>Genomic Medicine Department, Unit 1954, The University of Texas MD Anderson Cancer Center, Houston, USA</i>) A NOVEL POTENTIAL THERAPEUTIC TARGET IN GLIOBLASTOMA
9:40 – 10:20	Poster Session and Coffee Break
10:20 – 11:40	Session V Chair: Pilar Sanchez (MDC)
10:20 – 11:00	Plenary Lecture V Marcel Kool (<i>Kitz Hopp Children's Cancer Center, Heidelberg, Germany</i>) PEDIATRIC BRAIN TUMORS: HOW TO TRANSLATE ALL THE MOLECULAR DATA INTO SUCCESSFUL TREATMENTS FOR PATIENTS?
11:00 – 11:20	Oral Presentations IV Ilon Liu (<i>Pediatric Oncology, Dana-Farber Cancer Institute, Boston, USA</i>) THE LANDSCAPE OF TUMOR CELL STATES AND SPATIAL ORGANIZATION IN H3-K27M MUTANT DIFFUSE MIDLINE GLIOMA ACROSS AGE AND LOCATION
11:20 – 11:40	Catia Neto (<i>School of Pharmacy and Pharmaceutical Sciences, Cardiff University, Cardiff, UK</i>)

	AN IPSC-DERIVED MULTICELLULAR PLATFORM TO STUDY BRAIN TUMOURS
11:40 – 12:30	Lunch (Cafeteria) and Poster Session
12:30 – 13:50	Session V Chair: Christoph Harms (Charité, Berlin)
12:30 – 13:10	Plenary Lecture V Rainer Glass (Neurochirurgische Forschung am Klinikum der Universität München, Germany) CONVERTING NFKB INTO A TUMOR-SUPPRESSOR
	Oral Presentations V
13:10 – 13:30	Raphaela Pensch (<i>Department of Medical Biochemistry and Microbiology, Uppsala University, Sweden</i>) LEVERAGING EVOLUTIONARY CONSTRAINT TO IDENTIFY PUTATIVE NON-CODING DRIVERS IN GLIOBLASTOMA
13:30 – 13:50	Davide Ceresa (<i>Cellular Oncology Unit, IRCCS S.Martino - IST Genova, Genova, Italy</i>) MYC-DRIVEN GAME OF CLONES IN GLIOBLASTOMA PROGRESSION REVEALED BY GENETIC BARCODING
13:50 – 14:30	Coffee Break and Poster Session
	Session VI
14:30 – 16:10	Chair: Matthias J. Schmitt (MDC, Berlin)
	Oral Presentations VI
14:30 – 14:50	Kieron White (<i>Physiology and Medical Physics, Royal College of Surgeons in Ireland, Dublin, Ireland</i>) TRANSCRIPTOMIC ANALYSIS REVEALS NOVEL TUMOUR MICROENVIRONMENT SUBTYPES IN ISOCITRATE DEHYDROGENASE WILDTYPE GLIOBLASTOMA
14:50 – 15:10	Aviel Iluz (<i>Department of Neurology, Hadassah Medical Center, Hebrew University of Jerusalem, Israel</i>) THE USE OF METHYLATION FINGERPRINTS TO INVESTIGATE THE CELL-OF-ORIGIN OF GLIOMAS
15:10 – 15:30	Valentina Pieri (<i>IRCCS San Raffaele Scientific Institute, Milan, Italy</i>) PLASMA CFDNA LIQUID BIOPSY IN THE FOLLOW-UP OF HIGH-GRADE GLIOMAS
15:30 – 16:10	Plenary Lecture VI Antonio Iavarone (<i>Institute for Cancer Genetics, Columbia University Medical Center, New York, USA</i>) MECHANISMS OF ONCOGENESIS AND PRECISION MEDICINE OF GLIOBLASTOMA
16:10 – 16:15	Awarding of Poster Prizes
16:15	Departure