Penn Medicine’s Abramson Cancer Center and The Penn Brain Tumor Center PRESENT

NEURO-ONCOLOGY BRAIN TUMOR SYMPOSIUM 2019: BEST PRACTICES IN PATIENT CARE
A CME/CNE-accredited Conference

REGISTER AT PennMedicine.org/Abramson/BrainCME
NEURO-ONCOLOGY BRAIN TUMOR SYMPOSIUM 2019:
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FRIDAY, JUNE 7, 2019
7:00 AM – 4:30 PM

LAW AUDITORIUM
JORDAN MEDICAL EDUCATION CENTER
Perelman Center for Advanced Medicine
3400 Civic Center Boulevard
Philadelphia, PA 19104

WHO SHOULD ATTEND
This symposium is designed for neurosurgeons, neuro-oncologists, neurologists, radiologists, medical oncologists, radiation oncologists, primary care physicians, oncology nurses, and other healthcare professionals involved in the treatment of patients with brain tumors. Additionally, patients and their caregivers, family members, advocates and members of the public who may benefit from understanding current innovative approaches to brain tumor care are invited.

Please note that conference materials will be available online. Please bring your electronic device to view presentations in real time.

OVERVIEW
The purpose of this educational activity is to provide a review of new treatment options in neuro-oncology, including surgical techniques, and intraoperative imaging, along with, radiation and systemic therapies that have improved patient outcomes. Sessions will feature the latest advances in state-of-the-art care for practicing clinicians treating patients with brain tumors. Cutting-edge topics in precision medicine, including genetic, translational, and clinical research will also be featured. Activity format will provide significant opportunity for interaction with expert faculty and other attendees with the aim of implementing new standards of patient care. Participants will leave with up-to-date, practical information which will have immediate clinical application, as well as technical and scientific background on the current state, and where the latest scientific advances may take the field.

LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:
• Implement WHO classification of brain tumors and how molecular profiling affects diagnosis, MRI interpretation, prognosis and therapy of patients with gliomas
• List advances in the surgical treatment of brain tumors including the use of fiber tracking (DTI), awake craniotomy, brain mapping, laser thermocoagulation, and fluorescence IGS (image-guided surgery)
• Identify the role of immune system to defend against CNS malignancy including the new class of checkpoint inhibitors and the potential use of CAR-T cell therapy
• List the benefits and application of proton therapy for low-grade and malignant gliomas
• Identify the scientific rationale, practical application, and survival benefit of electric field therapy for malignant brain tumors
• Identify the rationale and potential for viral therapies for malignant gliomas
• List recent advances in anti-angiogenic therapy in the treatment of gliomas

ACCREDITATION
In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

DESIGNATION OF CREDIT
PHYSICIANS: Penn Medicine designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSES: The program will award 6.5 contact hours.

PHYSICIAN ASSISTANTS: AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credits™ from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 6.5 Category 1 credits for completing this activity.

REGISTRATION
Industry and Non-Penn Physicians ...........................................$225
Non-Penn residents, fellows, nurses, and other healthcare professionals ...........................................$150
Penn Faculty, staff, residents, fellows, and nurses ..........................................................$100
Penn Students ........................................................................No Fee
Patients, family members, advocates, and general public ..........................................................No Fee

For additional information please contact Melissa Messinger at Melissa.Messinger@pennmedicine.upenn.edu

REGISTER ONLINE AT
PennMedicine.org/Abramson/BrainCME
AGENDA

SCIENTIFIC SESSION 1: NEW CONCEPTS AND INNOVATIVE TECHNOLOGIES
MODERATOR: Arati Desai, MD  Hematology Oncology // UPENN

8:10 am
The New WHO Classification and the Role of Integrated Molecular Profiling in the Diagnosis of Malignant Gliomas
Stefan Prokop, MD – Pathology and Laboratory Medicine // UPENN

8:25 am
Clinically Useful Next Generation Sequencing in Glioblastoma
Jennifer Morrissette, PhD – Pathology and Laboratory Medicine // UPENN

8:40 am
Advanced Neuroimaging of Brain Tumors: Radiogenomics, Predictive Biomarkers, and Response Assessment
Suyash Mohan, MD, PDCC – Radiology // UPENN

9:00 am
Anti-Angiogenic Therapy and Current Clinical Trials
Arati Desai, MD - Hematology Oncology // UPENN

9:20 am
Laser Thermocoagulation: A New Tool for Epilepsy and Brain Tumor Surgery
Timothy H. Lucas, MD, PhD- Neurosurgery // UPENN

9:35 am
Seeing Beyond the Visible: Fluorescent Imaging of Brain Tumors
Steve S. Cho, MD – Researcher // UPENN

9:50 am
Immunotherapy for Brain Tumors- Using CAR T-Cell Platform for Glioblastoma
Donald O’Rourke, MD – Neurosurgery // UPENN

10:10 am
BREAK

SCIENTIFIC SESSION 2: PROGRESS IN THE TREATMENT OF MALIGNANT BRAIN TUMORS
MODERATOR: Robert A. Lustig, MD, FACR

10:30 am
Immunotherapy for Brain Tumors:
Amy B. Heimberger, MD – Neurosurgery // The University of Texas MD Anderson Cancer Center

11:00 am
Monitoring Metabolism in Glioblastoma Using hyper polarized c13 imaging and H-1 MRS
Susan Chang, MD - Neurological Surgery // University of California, San Francisco

11:30 am
Medical and Symptom Management of Patients with Brain Tumors
Amy A. Pruitt, MD – Neurology // UPENN

11:45 am
Seizure Management for Brain Tumor Survivors: Current Concepts
Kathryn A. Davis, MD, MSTR – Neurology // UPENN

12:00 pm
LUNCH

SCIENTIFIC SESSION 3: ADVANCES IN PRECISION SURGERY, MEDICAL AND RADIATION ONCOLOGY – SURVIVORSHIP OF PATIENTS WITH BRAIN TUMORS
MODERATOR: Suyash Mohan, MD – Radiology // UPENN

1:00 pm
Simulation and Stimulation of Functional Brain Pathways to Optimize Outcomes: Individualized Human Connectome Maps Guide Neurosurgery
Steven Brem, MD – Neurosurgery // UPENN

1:30 pm
Immunotherapy and Circulating Tumor DNA in Glioblastoma
Stephen Bagley, MD – Hematology Oncology // UPENN

2:15 pm
Photons and Protons: Customizing Precision Radiation Therapy for Patients with Malignant Brain Tumors
Goldie A. Kurtz, MD – Radiation Oncology // UPENN

2:35 pm
Targeted Therapy for Brain Metastases (Melanoma, Breast and Lung Cancer): Principles and Progress
Tara C. Mitchell, MD – Hematology Oncology // UPENN

2:55 pm
Stories of Patient Survivors: Navigating the Health Care System, Finding Information, Clinical Trials, Innovation, and Hope
Arbena Trettin, MSW- Social Work // UPENN
Eleanor Miller, MSN, RN, OCN, CBCN – Nursing // UPENN
Karen Albright, MSN, CRNP – Nursing // UPENN

3:15 pm
CME Concludes
Special Town Hall Meeting with Dr. Steven Brem for Patients, Caregivers, and Family Members
Steven Brem, MD – Neurosurgery // UPENN
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