

The 2018 Northwestern Medicine Neuro-Oncology CME Symposium

Friday, April 20

Northwestern Memorial Hospital
251 East Huron Street,
Feinberg Pavilion
Third Floor, Pritzker Auditorium
Chicago, IL
7:15 am to 2:30 pm

*Sponsored by Northwestern Medicine and
Northwestern Medicine Lou and Jean Malnati
Brain Tumor Institute of the Robert H. Lurie
Comprehensive Cancer Center of Northwestern
University at Northwestern Memorial Hospital*

REGISTER ONLINE: www.cme.northwestern.edu



The 2018 Northwestern Medicine Neuro-Oncology CME Symposium

Course Directors: James P. Chandler, MD, and Roger Stupp, MD

According to the most recent statistics from the NIH, brain and other nervous system cancers account for only 1.4% of all new cancer cases in the US, often with a grim outcome. Therefore, it is vital that healthcare providers are aware of the latest research and clinical developments within the field.

This program offers participants a unique opportunity to hear from leading experts about state-of-the-art advances in neuro-oncology. Cases will be examined from multiple perspectives, providing participants with clinical pearls for diagnosing and managing malignant brain tumors to improve patient outcomes.

We are honored to welcome **Mitchel S. Berger, MD**, Professor and Chairman, Department of Neurological Surgery; University of California, San Francisco, and **Monika E. Hegi, PhD**, Professor and Director, Laboratory of Brain Tumor Biology and Genetics; Centre Hospitalier Universitaire Vaudois and University of Lausanne, Lausanne, Switzerland, to join the interactive discussion and provide insights on the latest scientific developments.

After attending this educational activity, participants should be able to:

- 1) Review current treatment strategies for gliomas and discuss treatment challenges in special patient populations..
- 2) Interpret new clinical data on experimental agents currently under evaluation in gliomas and other brain tumors to identify opportunities to optimize treatment.
- 3) Review new research on cell biology, signal transduction inhibition strategies, and factors associated with angiogenesis and invasion in brain tumors.
- 4) Discuss the indications for endoscopic or endoscope-assisted surgical procedures.
- 5) Discuss the current data on radiotherapy and stereotactic radiosurgery for gliomas.
- 6) Discuss the current developments in novel therapeutic agents.
- 7) Review current clinical trial options
- 8) Discuss treatments of other types of tumors, including meningiomas, pituitary tumors, skull base tumors, and brain metastases.

Friday, April 20

7:15 am	Breakfast and Registration
8:00 am	Welcome and Introduction <i>James P. Chandler, MD, and Roger Stupp, MD</i>
8:10 am	From the Bench to the Bedside, Opportunities in Translational Research <i>C. David James, PhD</i>
8:40 am	En Bloc Resection for Primary Spinal Tumors - Indications and Technique <i>Jean-Paul Wolinsky, MD</i>
9:10 am	Update on Neuroimaging of Brain Tumors <i>Benjamin Liu, MD</i>
9:40 am	NCI Consensus on Brainstem Tolerance After Proton Therapy in Children <i>John A. Kalapurakal, MD, FACP</i>
10:10 am	Refreshment Break
10:25 am	Maximizing Extent of Resection for Gliomas while Minimizing the Morbidity: The New Standard of Care <i>Mitchel S. Berger, MD</i>
10:55 am	Cracking the Histone Code: New Approaches to Understanding Pediatric Brain Tumors <i>Amanda Saratsis, MD</i>
11:25 am	Lunch
12:00 pm	Immunotherapy for Malignant Brain Cancer: Overcoming Immune Suppression to Improve the Clinical Experience <i>Derek A. Wainwright, PhD</i>
12:30 pm	Clinical Applications of Immunotherapeutic Approaches in High-Grade Gliomas <i>Rimas V. Lukas, MD</i>
1:00 pm	A Contemporary Molecular View of the Diffuse Gliomas and its Implications for Diagnosis <i>Daniel J. Brat, MD, PhD</i>
1:30 pm	The Promise of Epigenetic Targets in Glioma <i>Monika E. Hegi, PhD</i>
2:00 pm	Update of NRG Clinical Trials for Brain Tumors <i>Vinai Gondi, MD</i>
2:30 pm	Closing Comments and Adjournment

Program Course Directors

James P. Chandler, MD

Surgical Director, Lou & Jean Malnati Brain Tumor Institute of the Lurie Cancer Center at Northwestern Memorial Hospital
Northwestern Medicine
Professor, Neurological Surgery, Neurology and Otolaryngology
Northwestern University
Feinberg School of Medicine

Roger Stupp, MD

Professor of Medicine (Hematology/Oncology), Neurology & Neurological Surgery
Northwestern University
Feinberg School of Medicine
Medical Director, Lou & Jean Malnati Brain Tumor Institute
Chief, Division of Neuro-oncology, Department of Neurology
Associate Director for Strategic Initiatives
Robert H. Lurie Comprehensive Cancer Center
of Northwestern University

Invited Faculty

Mitchel S. Berger, MD

Professor and Chairman, Department of Neurological Surgery
Berthold and Belle N. Guggenhime Endowed Chair
Director, Brain Tumor Surgery Program
Director, Neurosurgical Research Centers,
Brain Tumor Research Center
University of California, San Francisco

Monika E. Hegi, PhD

Professor & Director
Laboratory of Brain Tumor Biology and Genetics
Neurosurgery & Neuroscience Research Center
Department of Clinical Neurosciences
Centre Hospitalier Universitaire Vaudois
and University of Lausanne
Lausanne, Switzerland

Program Faculty

Daniel J. Brat, MD, PhD

Magerstadt Professor and
Chair, Department of Pathology
Northwestern University
Feinberg School of Medicine

Vinai Gondi, MD

Director of Research, Northwestern Chicago Proton Center
Director of CNS Radiation Oncology, Northwestern Medicine
Cancer Center Warrenville
Health System Clinician of Radiation Oncology
Northwestern University
Feinberg School of Medicine

C. David James, PhD

Scientific Director, Lou & Jean Malnati Brain Tumor Institute of the Lurie Cancer Center at Northwestern Memorial Hospital
Northwestern Medicine
Professor of Neurological Surgery and
Biochemistry and Molecular Genetics
Northwestern University
Feinberg School of Medicine

John A. Kalapurakal, MD, FACP

Vice Chair, Department of Radiation Oncology
Professor of Radiation Oncology and Neurological Surgery
Northwestern University
Feinberg School of Medicine

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Feinberg School of Medicine

Rimas V. Lukas, MD

Associate Chief of the Neuro-Oncology Division
Associate Professor of Neurology
Northwestern University
Feinberg School of Medicine

Amanda Saratsis, MD

Pediatric Neurosurgeon
Ann & Robert H. Lurie Children's Hospital of Chicago
Assistant Professor of Neurosurgery
Northwestern University
Feinberg School of Medicine

Derek A. Wainwright, PhD

Assistant Professor of Neurological Surgery,
Hematology and Oncology and Microbiology-Immunology
Northwestern University
Feinberg School of Medicine

Jean-Paul Wolinsky, MD

Professor of Neurological Surgery and Orthopaedic Surgery
Northwestern University
Feinberg School of Medicine



Program Location

The program will be held at Northwestern Memorial's Feinberg Pavilion, 251 E. Huron Street, Third Floor, Pritzker Auditorium, Chicago, IL.

Hotel Accommodations

To make a hotel reservation, please [visit](#) here to find the list of participating hotels who offer a Northwestern discount. We recommend you make your reservations as soon as possible to ensure accommodations.

Directions and Parking

Please visit nm.org for directions to the conference. We offer discounted parking in the garage just north of the hospital at 222 E. Huron Street. Please bring your parking ticket with you.

Audience

This course is designed for all specialists working in the field of neuro-oncology: neurosurgeons, neurologists, medical oncologists, radiation oncologists, advanced care providers, nurses, nurse practitioners, physician assistants, hospitalists, oncology social workers and pharmacists and allied health professionals.

Registration Fee

The fee is \$60 for physicians and \$40 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. No refunds will be issued after **April 9**.

Registration Procedure

To register online, please visit www.cme.northwestern.edu. If paying with check, please mail your check, made payable to **Northwestern Memorial Hospital (CME)**, to the address listed below, prior to **April 9**.

Northwestern Memorial HealthCare
675 North St. Clair Street, Galter 3-104
Chicago, IL 60611

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of *5.5 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Family Attractions

Northwestern Memorial Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, public transportation and the Magnificent Mile, Chicago's premier shopping area. For a listing of all Chicago has to offer, visit cityofchicago.org.

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April 20, 2018


Registration Form

Registration Category

- ☐ Physician.....\$60
☐ Trainee, Nurse, or Other HCP.....\$40

How to Register

 **ONLINE:** www.cme.northwestern.edu

 **OR MAIL** with check (payable to Northwestern Memorial Hospital (CME))

Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street
Galter 3-104H
Chicago, IL 60611

For Questions:

Email: sbaggs@nm.org

Phone: 312.926.7975

Please Type or Print

Last Name _____ First Name _____

☐ Physician ☐ Trainee, Nurse, or Other HCP

Title _____

Institution _____

Address _____

City _____ State _____ ZIP Code _____

E-mail (Required) _____
Your registration confirmation will be e-mailed

Specialty _____

Special Dietary Requirements _____
Advance notification required

Disability Accommodations _____
Please advise us of your needs

How did you hear about our program?

☐ Brochure ☐ E-mail ☐ Website ☐ Word of Mouth ☐ Previous Attendee

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