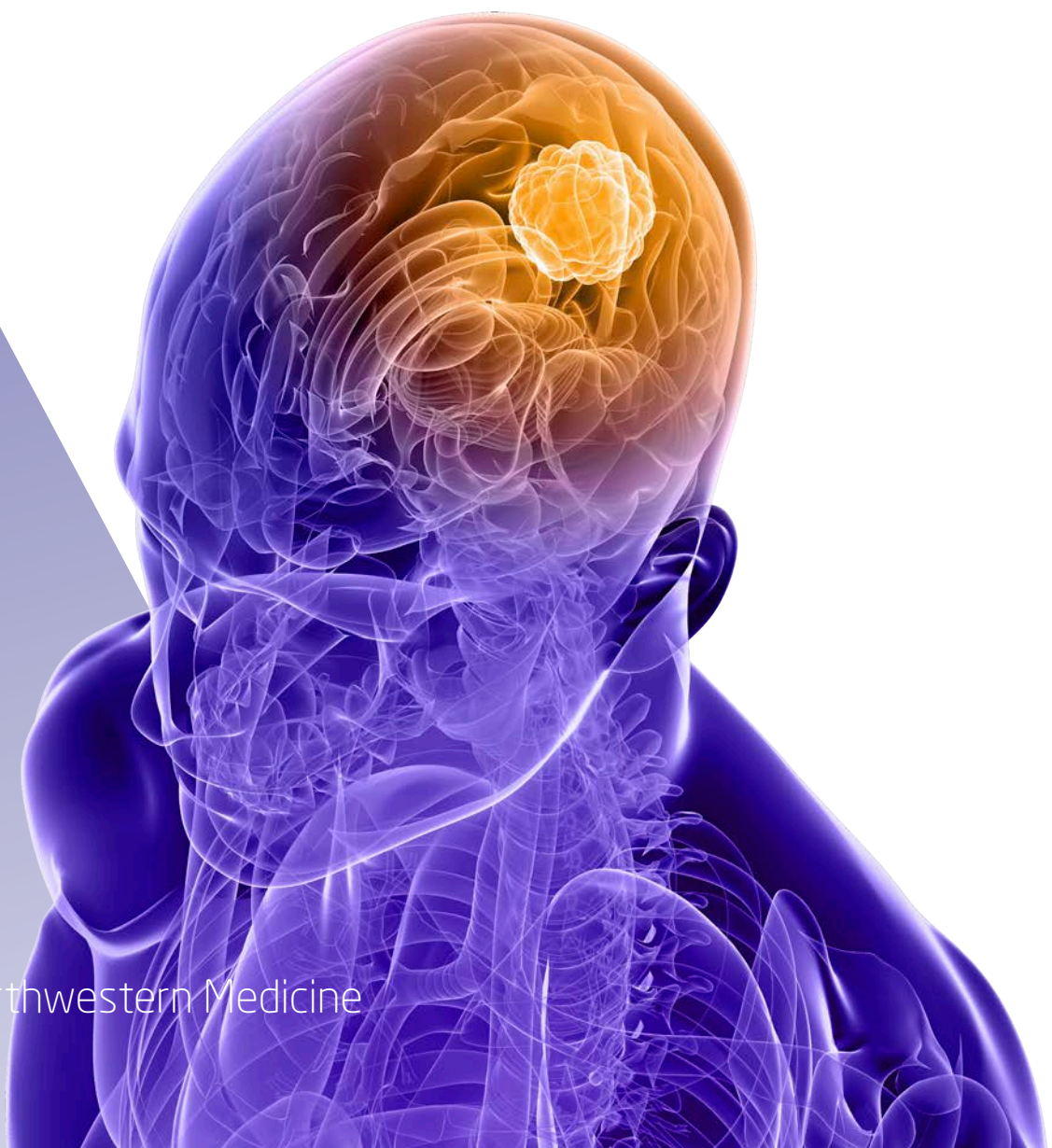




The 2016 Northwestern Brain Tumor Institute

CME Symposium

Friday, April 1 | Chicago, Illinois | 7:15 am - 3:00 pm



Sponsored by Northwestern Medicine



Brain tumors remain rare, comprising only 1.44 percent of all primary malignant cancers expected to be diagnosed in the United States in 2010. The Northwestern Brain Tumor Institute (NBTI) was established to meet the needs of patients harboring rare diagnoses; their comprehensive and multidimensional care issues are difficult to address in isolated silos within institutions or across multiple campuses. By channeling the expertise of faculty and staff from multiple departments, NBTI brings together, in one place, every tool needed to treat brain tumors.



The 2016 Northwestern Brain Tumor Institute CME Symposium

Course directors

James P. Chandler, MD, and Jeffrey J. Raizer, MD

This educational program is geared toward healthcare professionals involved in the care of patients with brain tumors. The most up-to-date research, including surgical and clinical evidence-based information, will be presented and reinforced through case discussions. Please join Northwestern Feinberg School of Medicine faculty on Friday, April 1, for this informal and interactive discussion.

For more information, please contact Sarah Baggs at Northwestern Memorial HealthCare at 312.926.7975.

Program objectives

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 the current clinical trial options.
- 8 Review the treatment of typical pediatric tumors presenting in adults.
- 9 Discuss treatments of other meningiomas, pituitary and skull base tumors, and brain metastases.

Friday, April 1

| | |
|----------|---|
| 7:15 am | Breakfast and Registration |
| 8:05 am | Welcome James P. Chandler, MD |
| 8:10 am | How Animal Models of Glioma Pave the Way for Novel Therapies C. David James, PhD |
| 8:35 am | Understanding Glioma Biology – New Avenues for Treatment Alexander H. Stegh, PhD |
| 9:00 am | Immunology of Gliomas: Is There a Role for Vaccines and Checkpoint Inhibitors? Derek A. Wainwright, PhD |
| 9:25 am | Stem Cells: Therapeutic Platform for Brain Malignancies Irina V. Balyasnikova, PhD |
| 10:00 am | Refreshment Break |
| 10:15 am | Radiation Therapy: Past and Present John A. Kalapurakal, MD |
| 10:50 am | Standard and Experimental Treatments for Gliomas Sean A. Grimm, MD |
| 11:25 am | Lunch |
| 12:00 pm | Advancing Understanding of Pediatric High-Grade Glioma: An Epigenomic Approach Amanda M. Saratsis, MD |
| 12:35 pm | Surgical Management of Gliomas Matthew C. Tate, MD |
| 1:10 pm | Advances in Skull Base Surgery for Brain Tumors James P. Chandler, MD |
| 1:45 pm | Brain Metastases: Role of Surgery and Radiation Orin Bloch, MD |
| 2:20 pm | Role of Chemotherapy for CNS Metastases Priya U. Kumthekar, MD |
| 2:55 pm | Closing Comments and Adjournment |

Program course directors

James P. Chandler, MD

Co-Director, Northwestern Brain Tumor Institute
Northwestern Memorial Hospital
Professor of Neurological Surgery, Neurology and
Otolaryngology-Head and Neck Surgery
Northwestern University Feinberg School of Medicine

Jeffrey J. Raizer, MD

Co-Director, Northwestern Brain Tumor Institute
Northwestern Memorial Hospital
Professor in Neurology and Hematology/Oncology
Northwestern University Feinberg School of Medicine

Program faculty

Irina V. Balyasnikova, PhD

Associate Professor of Neurological Surgery
Northwestern University Feinberg School of Medicine

Orin Bloch, MD

Neurosurgeon
Northwestern Memorial Hospital
Assistant Professor of Neurological Surgery and Neurology
Northwestern University Feinberg School of Medicine

Sean A. Grimm, MD

Neuro-oncologist
Northwestern Memorial Hospital
Health System Clinician of Neurology
Northwestern University Feinberg School of Medicine

C. David James, PhD

Professor of Neurological Surgery and Biochemistry
and Molecular Genetics
Northwestern University Feinberg School of Medicine

John A. Kalapurakal, MD

Radiation Oncologist
Northwestern Memorial Hospital
Professor of Radiation Oncology
Northwestern University Feinberg School of Medicine

Priya U. Kumthekar, MD

Neuro-oncologist
Northwestern Memorial Hospital
Assistant Professor of Neurology and Hematology/
Oncology
Northwestern University Feinberg School of Medicine

Amanda M. Saratsis, MD

Pediatric Neurosurgeon
Northwestern Memorial Hospital
Assistant Professor of Neurological Surgery
Northwestern University Feinberg School of Medicine

Alexander H. Stegh, PhD

Assistant Professor of Neurology
Northwestern University Feinberg School of Medicine

Matthew C. Tate, MD, PhD

Neurosurgeon
Northwestern Memorial Hospital
Assistant Professor of Neurological Surgery and Neurology
Northwestern University Feinberg School of Medicine

Derek A. Wainwright, PhD

Assistant Professor of Neurological Surgery
Northwestern University Feinberg School of Medicine



Hotel accommodations

To make a hotel reservation, please call our Health Resources Department at 312.926.ROOM (7666). We recommend you make your reservations as soon as possible to guarantee accommodations.

Program location

The program will be held at Northwestern Memorial's Feinberg Pavilion, 251 E. Huron St., third floor, Pritzker Auditorium, Chicago, IL.

Directions and parking

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

Audience

The content of the program is appropriate for physicians and other healthcare providers who care for and/or conduct research on adult brain tumor patients.

Registration fee

The fee is \$50 for physicians and \$35 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch will be provided. Space is limited. Registration is accepted on a first-come, first-served basis.

Registration procedure

Complete the registration form and mail it with your check made payable to Northwestern Memorial HealthCare (CME) to the address listed below, prior to **March 23**, or fax registration form with credit card information to Sarah Baggs at 312.694.2249 (this is a private line).

For additional information:

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

PHONE: 312.926.7975

FAX: 312.694.2249

EMAIL: sbaggs@nm.org

Accreditation statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education 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 *6.5 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.

Friday, April 1
7:15 am – 3:00 pm

The 2016 Northwestern Brain Tumor Institute CME Symposium Registration

Complete this registration form and mail it with your check made payable to Northwestern Memorial HealthCare (CME) to the address listed below, prior to **March 23**, or fax registration form with credit card information to Sarah Baggs at 312.694.2249 (this is a private line).

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

Name: _____ Title: _____

Specialty/Subspecialty: _____

MD (\$50) Fellow (\$35) NP/RN (\$35) Other (\$35)

Check Credit Card

VISA® MasterCard® American Express®

Account Number _____ Exp. _____

Hospital Affiliation(s): _____

Business Address: _____

City: _____ State: _____ ZIP: _____

Email: _____

Please Indicate Any Special Needs: _____

Dietary Preferences: _____

For more information about **Northwestern Medicine**, please visit nm.org.



The 2016 Northwestern Brain Tumor Institute

CME Symposium

Friday, April 1
Chicago, Illinois
7:15 am - 3:00 pm

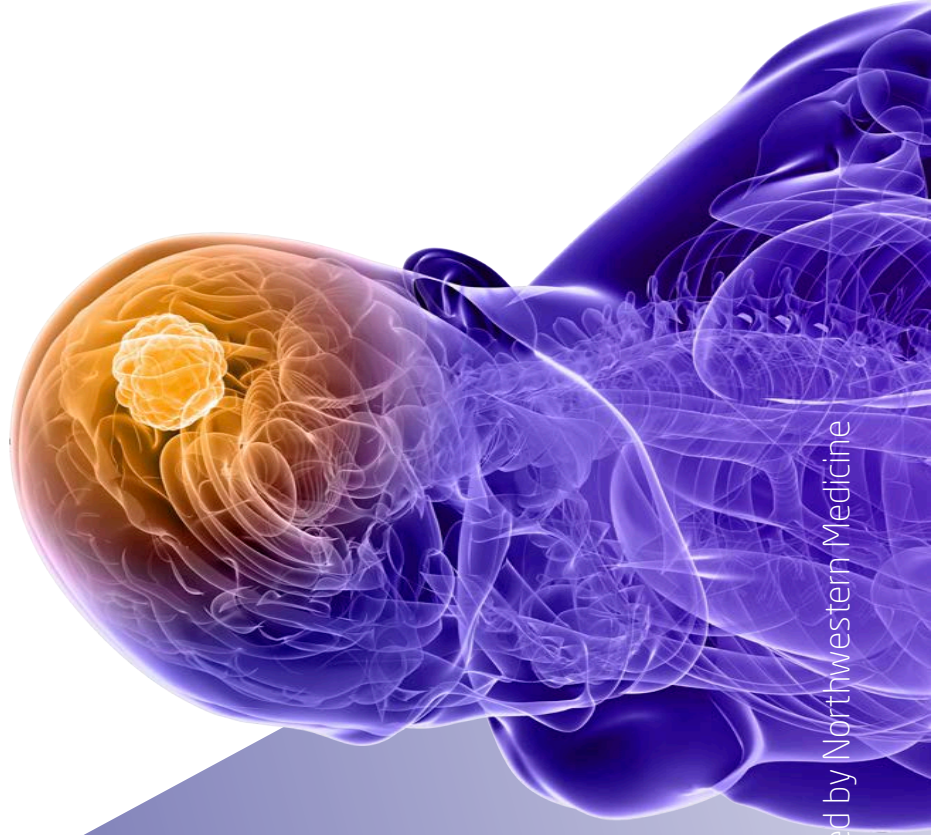


Northwestern Memorial HealthCare
675 North St. Clair St., Galter 3-104
Chicago, IL 60611

Presorted
FIRST - Class Mail
US Postage

PAID

Chicago, IL
Permit NO. 9315



Sponsored by Northwestern Medicine