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.

**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.
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.
9. Discuss treatments of other meningiomas, pituitary and skull base tumors, and brain metastases.

For more information, please contact Sarah Baggs at Northwestern Memorial HealthCare at 312.926.7975.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:15 am</td>
<td><strong>Breakfast and Registration</strong></td>
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<tr>
<td>8:05 am</td>
<td><strong>Welcome</strong></td>
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<td></td>
<td>James P. Chandler, MD</td>
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<tr>
<td>8:10 am</td>
<td><strong>How Animal Models of Glioma Pave the Way for Novel Therapies</strong></td>
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<td>C. David James, PhD</td>
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<tr>
<td>8:35 am</td>
<td><strong>Understanding Glioma Biology — New Avenues for Treatment</strong></td>
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<td>Alexander H. Stegh, PhD</td>
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<td>9:00 am</td>
<td><strong>Immunology of Gliomas: Is There a Role for Vaccines and Checkpoint Inhibitors?</strong></td>
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<td>Derek A. Wainwright, PhD</td>
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<tr>
<td>9:25 am</td>
<td><strong>Stem Cells: Therapeutic Platform for Brain Malignancies</strong></td>
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<td>Irina V. Balyasnikova, PhD</td>
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<td>10:00 am</td>
<td><strong>Refreshment Break</strong></td>
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<tr>
<td>10:15 am</td>
<td><strong>Radiation Therapy: Past and Present</strong></td>
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<td>John A. Kalapurakal, MD</td>
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<tr>
<td>10:50 am</td>
<td><strong>Standard and Experimental Treatments for Gliomas</strong></td>
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<td>Sean A. Grimm, MD</td>
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<td>11:25 am</td>
<td><strong>Lunch</strong></td>
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<td>12:00 pm</td>
<td><strong>Advancing Understanding of Pediatric High-Grade Glioma: An Epigenomic Approach</strong></td>
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<td>Amanda M. Saratsis, MD</td>
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<td>12:35 pm</td>
<td><strong>Surgical Management of Gliomas</strong></td>
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<td>Matthew C. Tate, MD</td>
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<td>1:10 pm</td>
<td><strong>Advances in Skull Base Surgery for Brain Tumors</strong></td>
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<td>James P. Chandler, MD</td>
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<td>1:45 pm</td>
<td><strong>Brain Metastases: Role of Surgery and Radiation</strong></td>
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<td>Orin Bloch, MD</td>
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<td>2:20 pm</td>
<td><strong>Role of Chemotherapy for CNS Metastases</strong></td>
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<td>Priya U. Kumthekar, MD</td>
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<td>2:55 pm</td>
<td><strong>Closing Comments and Adjournment</strong></td>
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Program faculty

Irina V. Balyasnikova, PhD
Associate Professor of Neurological Surgery
Northwestern University Feinberg School of Medicine

Orin Bloch, MD
Neurosurgeon
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Assistant Professor of Neurological Surgery and Neurology
Northwestern University Feinberg School of Medicine

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

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Professor of Radiation Oncology
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Assistant Professor of Neurology and Hematology/Oncology
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Program course directors

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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
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
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Chicago, IL 60611
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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.
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).

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.
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