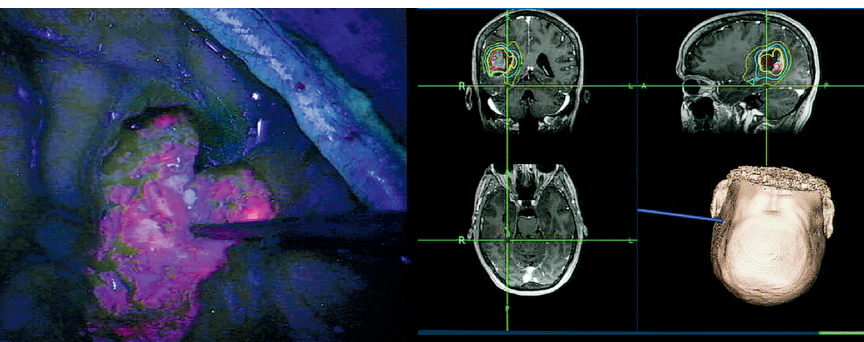


Celebrating  
**50**  
years  
1968-2018



Icahn School  
of Medicine at  
**Mount  
Sinai**

# FIRST 5-ALA FLUORESCENCE-GUIDED SURGERY BRAIN TUMOR SYMPOSIUM AT MOUNT SINAI



Friday, November 30, 2018

Icahn School of Medicine at Mount Sinai  
Leon and Norma Hess Center for Science and Medicine  
1470 Madison Avenue  
New York, NY

Course Director  
**Constantinos G. Hadjipanayis, MD, PhD**

*Provided by Department of Neurosurgery*

Online Registration  
<https://mssm.cloud-cme.com/5ALA>

**This CME activity will be the first 5-ALA fluorescence guided surgery brain tumor symposium held in the United States. Registered neurosurgeons will hear 5-ALA experts from both the US and Europe discuss fluorescence-guided surgery (FGS).**

### **PROGRAM OBJECTIVES**

- Define the use of 5-ALA fluorescence-guided surgery (FGS) for gliomas to practicing neurosurgeons.
- Discuss the use of 5-ALA FGS for different tumor types.
- Discuss the use of 5-ALA FGS in combination with other intraoperative visualization technologies.

### **WHO SHOULD ATTEND?**

Neurosurgeons, Allied Health Professionals, Residents and Fellows

### **ACCREDITATION**

The Icahn School of Medicine at Mount Sinai is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

### **CREDIT DESIGNATION**

The Icahn School of Medicine at Mount Sinai designates this live activity for a maximum of **8.0 AMA PRA Category 1 Credit(s)<sup>™</sup>**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **VERIFICATION OF ATTENDANCE**

Will be provided to all professionals.

### **COURSE LOCATION**

The Bonnie M. Davis, MD and Kenneth L. Davis, MD Auditorium, 2nd floor.

1470 Madison Avenue (Between 101st & 102nd Streets), New York, NY.

Directions and Parking: [www.ica hn.mssm.edu/about/visiting](http://www.ica hn.mssm.edu/about/visiting)

### **ACCOMMODATIONS**

Discounted sleeping rooms can be reserved with our Housing Manager, Denise Newman, Cell/Text: 347-236-7181  
Phone: 718-835-4911; email: [dnew229@aol.com](mailto:dnew229@aol.com)

### **SPECIAL NEEDS**

The Icahn School of Medicine at Mount Sinai is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you require special accommodations, call the Office of CME, 212-731-7950.

## PROGRAM SCHEDULE

7:00am	<b>Registration and Breakfast</b>
7:30	<b>Welcome and Symposium Overview</b> <i>Constantinos G. Hadjipanayis, MD, PhD</i>
7:45	<b>Introduction to Fluorescence-guided Surgery (FGS)</b> <i>Constantinos G. Hadjipanayis, MD, PhD</i>
8:15	<b>The Role of Intraoperative Fluorescent Dye in the Management of High-Grade Gliomas for Newly Diagnosed High-grade Gliomas</b> <i>Walter Stummer, MD, PhD</i>
9:00	<b>Treatment Option for Recurrent High-grade Gliomas</b> <i>Mitchel Berger, MD</i>
9:30	<b>Surgical Benefit for Detecting Anaplastic Foci in Diffuse Infiltrating Gliomas</b> <i>Georg Widhalm, MD, PhD</i>
10:00	<b>BREAK WITH EXHIBITORS</b>
10:30	<b>5-ALA to Visualize Low-grade Gliomas and Use of Handheld Visualization Devices</b> <i>Nader Sanai, MD</i>
11:00	<b>The Dartmouth 5-ALA Experience</b> <i>David Roberts, MD</i>
11:45-12:45pm	<b>LUNCH</b>
12:45	<b>Use of 5-ALA FGS and Intraoperative MRI (iMRI)</b> <i>Steven Kalkanis, MD</i>
1:15	<b>Dosing of 5-ALA and a Phase 2 Study</b> <i>Jeffrey Cozzens, MD</i>
1:45	<b>5-ALA FGS for Meningiomas and Stereotactic Biopsies</b> <i>David Roberts, MD and Georg Widhalm, MD, PhD</i>
2:30	<b>5-ALA and Pediatric Brain Tumors</b> <i>John Ruge, MD</i>
3:00	<b>BREAK WITH EXHIBITORS</b>
3:20	<b>5-ALA: How I Should Use it in my Neurosurgery Practice?</b> <i>Walter Stummer, MD, PhD</i>
4:15	<b>Panel Discussion</b> <i>M. Berger, J. Cozzens, S. Kalkanis, D. Roberts, J. Ruge, N. Sanai, W. Stummer, G. Widhalm</i>
	<b>Non CME</b>
5:00	<b>5-ALA FGS Exam</b>
5:30	<b>Discussion of Exam</b>

# FACULTY

## *Director*

### **Constantinos G. Hadjipanayis, MD, PhD**

Professor of Neurosurgery and Oncological Sciences  
Site Chair of Neurosurgery, Mount Sinai Downtown Union Square/Beth Israel  
Director of Neurosurgical Oncology  
Mount Sinai Health System  
Director, Brain Tumor Nanotechnology Laboratory  
Icahn School of Medicine at Mount Sinai  
New York, New York

## *Guest Faculty*

### **Mitchel Berger, MD**

Berthold and Belle N. Guggenheimer Professor  
Chairman, Department of Neurological Surgery  
Director, Brain Tumor Research Center  
University of California, San Francisco  
San Francisco, California

### **Jeffrey Cozzens, MD**

Professor and Chair  
Division of Neurosurgery  
Southern Illinois University School of Medicine  
Springfield, Illinois

### **Steven Kalkanis, MD**

Professor and Chairman, Department of Neurosurgery  
Medical Director, Henry Ford Cancer Institute  
Mark L. Rosenblum Endowed Chair in Neurosurgery  
Co-Director, Neuroscience Institute  
Henry Ford Health System  
Detroit, Michigan

### **David Roberts, MD**

Professor of Neurosurgery and Neurology, Active Emeritus  
Geisel School of Medicine at Dartmouth  
Dartmouth-Hitchcock Medical Center  
Lebanon, New Hampshire

### **John Ruge, MD**

Director of Pediatric Neurosurgery  
Advocate Children's Hospital  
Director Midwest Children's Brain Tumor Center  
Advocate Lutheran General Hospital  
Park Ridge, Illinois

### **Nader Sanai, MD**

J.N. Harber Professor of Neurological Surgery  
Director, Division of Neurosurgical Oncology  
Director, Ivy Brain Tumor Center  
Barrow Neurological Institute  
Phoenix, Arizona

### **Walter Stummer, MD, PhD**

Professor and Chairman  
Department of Neurosurgery  
University of Munster  
Munster, Germany

### **Georg Widhalm, MD, PhD**

Associate Professor  
Chair of the Austrian Neurosurgical Oncology Section  
Department of Neurosurgery  
Medical University of Vienna  
Vienna, Austria

## **FACULTY DISCLOSURE**

It is the policy of the Icahn School of Medicine at Mount Sinai to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course material.



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## REGISTRATION FEES

<input type="checkbox"/> Physicians	\$650
<input type="checkbox"/> Allied Health Professionals	\$450
<input type="checkbox"/> Residents, Fellows	\$400
<input type="checkbox"/> Mount Sinai Health System (MSHS) Physicians	\$500
<input type="checkbox"/> Mount Sinai Health System (MSHS) Allied Health Professionals	\$350
<input type="checkbox"/> Mount Sinai Health System (MSHS) Residents, Fellows	*Complimentary

\*To receive complimentary registration code Mount Sinai Health System (MSHS) Residents and Fellows must email: [cme@mssm.edu](mailto:cme@mssm.edu) with a copy of their Hospital ID or letter from their program director; then Register Online at <https://mssm.cloud-cme.com>

Online Registration  
<https://mssm.cloud-cme.com/5ALA>

LAST NAME FIRST NAME (MD, RN, etc.)

MAILING ADDRESS

CITY STATE ZIP

TELEPHONE FAX

EMAIL SPECIALTY

INSTITUTION/AFFILIATION

## TWO WAYS TO REGISTER

■ Online at <https://mssm.cloud-cme.com>

■ Mail this form with your check to: Icahn School of Medicine at Mount Sinai  
The Page and William Black Post-Graduate School  
One Gustave L. Levy Place, Box 1193  
New York, NY 10029-6574

Enclosed is my check for \$\_\_\_\_\_ payable to **Icahn School of Medicine at Mount Sinai**

■ Cancellation Policy: All refund and cancellation requests must be emailed to the CME office at [cme@mssm.edu](mailto:cme@mssm.edu) by November 15, 2018. Cancellations after this date are not eligible for a refund. An administrative fee of \$50 will be deducted from your refund. No refunds will be issued for registration fees that are equal to or less than \$50.

For conference information, please call the Office of CME at  
212-731-7950 or email [cme@mssm.edu](mailto:cme@mssm.edu)

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