

SECOND ANNUAL

# Fluorescence-Guided Surgery Brain Tumor Symposium

**DECEMBER 6, 2019**

Icahn School of Medicine at Mount Sinai  
Leon and Norma Hess Center for Science and Medicine  
Bonnie M. Davis, MD and Kenneth L. Davis, MD Auditorium  
1470 Madison Avenue  
New York, NY

## Course Director

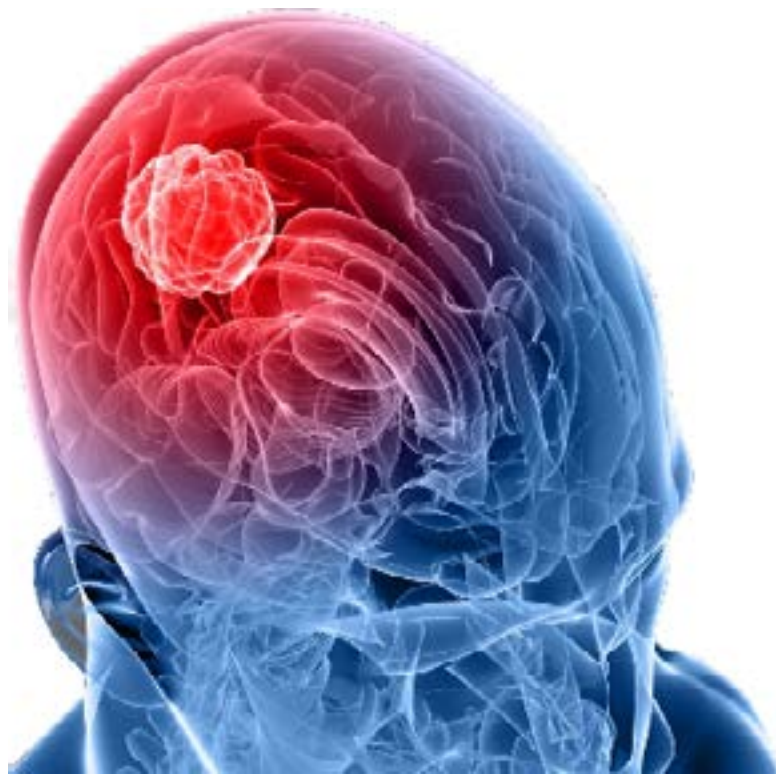
**Constantinos G. Hadjipanayis, MD, PhD**

Site Chair, Department of Neurosurgery, Mount Sinai Union Square  
Professor of Neurosurgery & Oncological Sciences  
Director, Neurosurgical Oncology  
Director, Brain Tumor Nanotechnology Laboratory  
Mount Sinai Health System

[mssm.cloud-cme.com/FGS](https://mssm.cloud-cme.com/FGS)



Icahn School  
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Sinai



# Registered neurosurgeons will hear experts from both the U.S. and Europe discuss fluorescence-guided surgery. The goal is to equip our healthcare providers with the tools they need to provide optimum health care to their patients.

## PROGRAM OBJECTIVES

Define the use of fluorescence-guided surgery (FGS) for gliomas to practicing neurosurgeons, discuss the use of FGS for different tumor types, and discuss the use of 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 the maximum of **8.0 AMA PRA Category 1 Credits™**. 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 and 102nd streets), New York, NY. Directions and parking:

**[www.icaahn.mssm.edu/about/visiting](http://www.icaahn.mssm.edu/about/visiting)**.

## ACCOMODATIONS

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 at 212-731-7950.

- 7:00 am **Registration and Breakfast**
- 7:30 **Welcome and Symposium Overview**  
*Constantinos G. Hadjipanayis, MD, PhD*
- 7:45 **Introduction to Fluorescence-Guided Surgery (FGS)**  
*Constantinos G. Hadjipanayis, MD, PhD*
- 8:15 **Current and Future State of Fluorescence-Guided Surgery for Brain Tumors**  
*Walter Stummer, MD, PhD*
- 9:00 **5-ALA Fluorescence-Guided Surgery for High-Grade Gliomas**  
*Shawn Hervey-Jumper, MD*
- 9:30 **5-ALA Fluorescence-Guided Surgery for Low-Grade Gliomas**  
*Nader Sanai, MD*
- 10:00 **BREAK WITH EXHIBITORS**
- 10:30 **Microscope and Handheld Fluorescence-Guided Surgery of Brain Tumors**  
*David Roberts, MD*
- 11:00 **5-ALA for other CNS Tumors and Stereotactic Biopsies**  
*Georg Widhalm, MD, PhD*
- 11:30 **Use of Fluorescence-Guided Surgery and Intraoperative MRI (iMRI)**  
*Ian Y. Lee, MD*
- 12:00 pm **Second Window Indocyanine Green for Identification of Brain Tumors**  
*John Lee, MD*
- 12:30 **LUNCH & Fluorescence-Guided Surgery Simulation 1 (Seminar Room B)**  
*Walter Stummer, MD, PhD and Constantinos G. Hadjipanayis, MD, PhD*
- 1:30 **Use of Fluorescein for Brain Tumor Fluorescence-Guided Surgery**  
*Jeffrey Bruce, MD*
- 2:00 **Tozuleristide Fluorescence-Guided Surgery of Pediatric Brain Tumors**  
*Amy Lee, MD*
- 2:30 **Antibody-Labeled Fluorophores (Cetuximab-IRDye800) for GBM Resection**  
*Gerald Grant, MD*
- 3:00 **BREAK WITH EXHIBITORS & Fluorescence-Guided Surgery Simulation 2 (Seminar Room A)**  
*Walter Stummer, MD, PhD and Constantinos G. Hadjipanayis, MD, PhD*
- 4:00 **5-ALA Photodynamic Therapy for GBM**  
*Nicolas Reyns, MD, PhD*
- 4:30 **Panel Discussion: How Do I Use Fluorescence-Guided Surgery in my Practice?**  
*All Faculty*
- 5:00 **Completion of Symposium**

# Faculty



## Course Director

### Constantinos G. Hadjipanayis, MD, PhD

Site Chair, Department of Neurosurgery, Mount Sinai Union Square  
Professor of Neurosurgery & Oncological Sciences  
Director, Neurosurgical Oncology  
Director, Brain Tumor Nanotechnology Laboratory  
Mount Sinai Health System

## Guest Faculty

### Jeffrey Bruce, MD

Vice-Chairman of Academic Affairs  
Department of Neurosurgery  
Co-Director, Brain Tumor Center  
Columbia University Irving Medical Center

### Gerald Grant, MD

Professor of Neurosurgery  
Division Chief of Pediatric Neurosurgery  
Stanford University Medical Center

### Shawn Hervey-Jumper, MD

Associate Professor of Neurological Surgery  
University of California, San Francisco

### Amy Lee, MD

Associate Professor of Neurological Surgery  
Seattle Children's Hospital  
University of Washington School of Medicine

### Ian Y. Lee, MD

Co-Director, Hermelin Brain Tumor Center  
Director, Spinal Neuro-Oncology  
Department of Neurosurgery  
Henry Ford Hospital

### John Y.K. Lee, MD

Associate Professor  
Departments of Neurosurgery and Otolaryngology  
University of Pennsylvania

### Nicolas Reyns, MD, PhD

Professor of Neurosurgery  
University of Lille Sciences and Technology  
Lille, France

### David Roberts, MD

Professor of Neurosurgery and Neurology  
Geisel School of Medicine  
Dartmouth-Hitchcock Medical Center

### Nader Sanai, MD

Najafi Professor of Neurological Surgery  
Director, Division of Neurosurgical Oncology  
Director, Ivy Brain Tumor Center  
Barrow Neurological Institute

### Walter Stummer, MD, PhD

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

### Georg Widhalm, MD, PhD

Assistant Professor  
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.