3rd Annual UCLA State-of-the-Art in Neuro-Oncology

February 10, 2018
Tamkin Auditorium
Ronald Reagan UCLA Medical Center
Los Angeles, California
The Brain Tumor Center at the David Geffen School of Medicine at UCLA presents its third annual comprehensive update on emergent diagnostic and treatment modalities for the management of brain and spine tumors. This course will focus on the diagnosis and multidisciplinary management of patients with primary and metastatic brain and spine tumors, and will feature faculty experts from neurosurgery, neuro-oncology, radiation oncology, medical oncology, pain management, neuroradiology, and neuropathology. The program will provide sessions on the latest advances in diagnosis and treatment of brain and spine tumors, including a review of the current state-of-the-art management of these tumors. Each tumor-specific didactic session will then be followed by case-based presentations demonstrating the multidisciplinary approach of a brain tumor board to personalize care for patients with brain and spine tumors. In addition, we will explore new and emerging techniques for cranial metastases including novel-imaging, MR-guided laser ablation, neoadjuvant radiation, and emerging chemotherapeutic strategies for metastatic brain tumors. Finally, we will explore multimodal management of spinal metastasis including novel radiation approaches, surgery, and pain management. This format is intended to encourage and ensure audience participation.

### Course Objectives

At the conclusion of this course, participants should be better able to:

- Recommend the most recent diagnostic, surgical, and pathological advances in the evaluation of patients with brain and spine tumors
- Understand standard and emerging treatments for patients with primary and metastatic brain and spine tumors and the molecular basis of these treatments
- Manage symptoms and complications in patients with brain tumors
- Describe multimodal management of spinal metastases including surgery, radiation, and pain management

### Target Audience

This course is targeted towards neurosurgeons, medical oncologists, radiation oncologists, neurologists, allied health professionals, and neurosurgery, neurology and oncology residents and fellows.
COURSE DIRECTORS

P. Leia Nghiemphu, MD  
Associate Professor of Clinical Neurology  
Department of Neurology

Won Kim, MD  
Assistant Clinical Professor  
Department of Neurosurgery

COURSE FACULTY

Nzhde Agazaryan, PhD, DABR  
Professor of Radiation Oncology  
Professor of Physics and Biology in Medicine  
Chief, Clinical Medical Physics and Dosimetry  
Quality and Safety Officer, Faculty Practice Group  
Department of Radiation Oncology

Daniel C. Lu, MD, PhD  
Associate Professor  
UCLA Department of Neurosurgery  
UCLA Comprehensive Spine Center

Luke Macyszyn, MD, MA  
Assistant Professor of Neurosurgery and Orthopedics  
UCLA Comprehensive Spine Center

Nader Pouratian, MD, PhD  
Neurosurgical Director of Radiosurgery  
Associate Professor of Neurosurgery and Radiation Oncology

Ke Sheng, PhD  
Professor in Residence  
Department of Radiation Oncology

Anthony C. Wang, MD  
Assistant Professor  
Department of Neurosurgery

Irene Wu, MD  
Assistant Director  
UCLA Comprehensive Pain Center  
Assistant Clinical Professor  
Department of Anesthesiology

William H. Yong, MD  
Chief of Neuropathology  
Director, Brain Tumor Translational Resource  
Director, Neuropathology Fellowship  
Professor of Pathology and Laboratory Medicine  
Division of Neuropathology  
Department of Pathology and Laboratory Medicine
Program

Saturday, February 10, 2018

7:30   Breakfast and Registration

INTRODUCTION

8:05   Welcome
      Phioanh Leia Nghiemphu, MD and Won Kim, MD

GLIOMAS

8:10   Advanced Surgical Management of Gliomas
      Linda Liau, MD, PhD, MBA

8:40   WHO 2016 Diagnostic Criteria of Primary Brain and CNS Tumors
      William H. Yong, MD

9:00   Updates and Experimental Treatments for Glioblastoma
      Timothy Cloughesy, MD

9:50   Updates and Experimental Treatments for Low Grade Gliomas
      Albert Lai, MD, PhD

10:30  Break

MENINGIOMAS

10:40  Updates on Meningiomas
      Phioanh Leia Nghiemphu, MD

11:00  Advanced Surgical Management of Meningiomas
      Marvin Bergsneider, MD
PEDDIATRIC BRAIN TUMORS

11:20  Updates on Pediatric Brain Tumors   
      Tom Belle Davidson, MD

11:40  Advanced Surgical Managements of Pediatric Brain Tumors   
      Anthony C. Wang, MD

12:00  Lunch

PAIN MANAGEMENT IN NEUROONCOLOGY

1:10   Pain Management for CNS Tumors   
       Irene Wu, MD

1:30   Neurosurgical Interventions for Pain   
       Nader Pouratian, MD, PhD

SPINAL TUMORS

1:50   Intrinsic Spinal Cord Tumors: Maximizing Resection and Outcomes   
       Daniel C. Lu, MD, PhD

2:10   Spinal Metastatic Disease: Surgical Indications   
       Luke Macyszyn, MD, MA

2:30   Spinal Radiosurgery: Advantages, Techniques, and Outcomes   
       Amar U. Kishan, MD

3:00   Break

ADVANCED TECHNIQUES FOR TREATING BRAIN TUMORS

3:20   MultiMet: Simultaneous Radiosurgery for Multiple Brain Metastases   
       Nzhde Agazaryan, PhD, DABR

3:40   MR-Guided Laser Ablation: The UCLA Experience   
       Nader Pouratian, MD, PhD

4:00   BrainPort: Minimally Invasive Access to Brain Tumors   
       Won Kim, MD

4:20   4II Radiation: The New Frontier in Advanced Radiation Planning   
       Ke Sheng, PhD

4:40   Adjourn
General Information

Registration Fee
$150  Physicians
$100  Nurses and Allied Health Professionals
$25  Fellows and Residents

Refunds
Cancellations must be received in writing by **Friday, January 12, 2018** and will be subject to a $50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Enrollment

*By Mail*
Use the form attached. Mail to the UCLA Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 3rd Annual UCLA State-of-the-Art in Neuro-Oncology, 10920 Wilshire Blvd., Ste. 1060, Los Angeles, CA 90024-6512

*Online*
Go to www.cme.ucla.edu/courses, click on 3rd Annual UCLA State-of-the-Art in Neuro-Oncology, and click on the registration information section. You may use your MasterCard, VISA, American Express or Discover card to register online.

*By Phone*
Use your American Express, MasterCard, VISA or Discover card.
Call (310) 794-2620.

*By FAX*
Send the completed enrollment form with credit card information and authorizing signature.
Fax (310) 794-2624.

Program Location
Tamkin Auditorium
Ronald Reagan UCLA Medical Center
757 Westwood Plaza
Los Angeles, CA 90095

Directions and Parking
From the 405 freeway, exit Wilshire Blvd., east toward Westwood. Turn left on Westwood Blvd., travel past Charles E. Young Dr. South and turn left on Structure 8 driveway. Drive up the ramp to the rooftop level to park. Please note your license plate and pay at the parking kiosk. Self-parking is $12.

Accreditation
Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 6.75 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that nonpromotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.
## 3rd Annual UCLA State-of-the-Art in Neuro-Oncology

### February 10, 2018

Application for Enrollment (Please Print)

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**REGISTRATION FEES:**
- $150 Physicians
- $100 Nurses and Allied Health Professionals
- $25 Fellows and Residents

*Please print clearly, and remember to include your credit card number and authorizing signature.*

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