



## PROGRAM AT-A-GLANCE

### FRIDAY, OCTOBER 15, 2021

9:00–11:30 am

#### General Session 1: Spinal Oncology

Speakers: *Mark H. Bilsky, John H. Chi, Ziya L. Gokaslan, George I. Jallo, Nam D. Tran*

9:00–9:04 am

Introduction to the Tumor Section Satellite Symposium

*Jason Sheehan*

9:05–9:14 am

Opening Remarks

*Ian F. Dunn, Michael E. Ivan, Michael A. Vogelbaum*

9:15–9:26 am

Spinal Oncology: Overview, Primary, Mets, SC Tumors

*John H. Chi*

9:27–9:38 am

Metastatic Spinal Tumors: Classification, Stabilization Scoring, Prognosis

*Ziya L. Gokaslan*

9:39–9:50 am

Metastatic Spine Treatment: Surgery, Radiation

*Mark H. Bilsky*

9:51–10:02 am

Novel Treatment Strategies for Spine Mets

*Nam D. Tran*

10:03–10:15 am

Intramedullary Spinal Cord Tumors

*George I. Jallo*

10:15–11:00 am

Break with Exhibitors

11:00–11:30 am

KEYNOTE SPEAKER

Jennifer Esposito, Magic Leap

**11:30 am–12:10 pm**

**Abstract Session 1: Selected Oral Abstract Presentations**

**Moderators:** *Jennifer Moliterno Gunel, Pablo F. Recinos, Nam Duy Tran*

**12:10–1:15 pm**

**Non-CME Sponsored Lunch Sessions**

**1:15–2:15 pm**

**General Session 2: Tumor Microenvironment**

**Speakers:** *Nduka M. Amankulor, Wenya Linda Bi, Gavin P. Dunn, Michael Lim*

1:15–1:26 pm

Cellular Heterogeneity and Tumor Microenvironment

*Michael Lim*

1:27–1:38 pm

Low-Grade Glioma: Immune Escape

*Nduka M. Amankulor*

1:39–1:50 pm

High-Grade Glioma: Immunogenomics

*Gavin P. Dunn*

1:51–2:02 pm

Metastases: Seed vs. Soil

*Melanie Hayden Gephart*

2:03–2:15 pm

Meningioma: Immune Landscape

*Wenya Linda Bi*

**2:15–3:00 pm**

**Break with Exhibitors**

**3:00–5:00 pm**

**Abstract Session 2: Selected Oral Abstract Presentations**

**Moderators:** *John H. Chi, Michael A. Vogelbaum, Isaac Yang*

**5:00–6:00 pm**

**Breakout Session 1**

**Tips for the First 3-5 Years of Practice**

**Speakers:** *Frederick G. Barker, Jennifer A. Moliterno Gunel, Carl B. Heilman, Ricardo J. Komotar*

5:00–5:11 pm

What I Wish I Had Known When I Started My Practice

*Jennifer A. Moliterno Gunel*

5:12–5:23 pm

Building a Relationship with Community Physicians

*Ricardo J. Komotar*

5:24–5:35 pm  
Finding Your Niche  
*Frederick G. Barker*

5:36–5:47 pm  
Submitting Cases/Preparing for Oral Boards  
*Carl B. Heilman*

5:48–6:00 pm  
Discussion

**5:00–6:00 pm**

**Breakout Session 2**

**Endoscopic Skull Base Surgery**

**Speakers:** *Chad A. Glenn, Tyler J. Kenning, Pablo F. Recinos, Nathan T. Zwagerman*

5:00–5:11 pm  
What to Look for in Training  
*Chad A. Glenn*

5:12–5:23 pm  
Building the Practice from the Ground Up  
*Nathan T. Zwagerman*

5:24–5:35 pm  
Becoming a Hybrid Surgeon: Lessons in Reconstruction  
*Tyler J. Kenning*

5:36–5:47 pm  
Responsible Resident and Fellow Training in Endoscopic Skull Base Surgery  
*Pablo F. Recinos*

5:48–6:00 pm  
Discussion

**5:00–6:00 pm**

**Breakout Session 3**

**Incorporating Technology in Neuro-Oncology**

5:00–5:11 pm  
Incorporating Social Media into Practice  
*Edjah K. Nduom*

5:12–5:23 pm  
Neurosurgeon-Innovator: Taking an Idea into Practice  
*Victor X. Yang*

5:24–5:35 pm  
Justifying Investment in a New Technology  
*Daniel A. Orringer*

5:36–5:47 pm  
Investing in Technology: The Learning Curve  
*TBD*

5:48–6:00 pm  
Discussion

**Anniversary Gala**

**7:00–10:00 pm**

Reception & Dinner

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**SATURDAY, OCTOBER 16, 2021**

**7:00–8:00am**

**Sponsored Breakfast Symposium**

**8:00–9:15 am**

**General Session 3: Neurosurgeons as Clinical Scientists**

**Speakers:** *James B. Elder, Frederick F. Lang, Linda M. Liau, John H. Sampson, Nader Sanai, Andrew E. Sloan*

8:00–8:12 am

Overview of how Field has Evolved/Current Role of Surgeon Scientist  
*Alfredo Quinones-Hinojosa*

8:13–8:25 am

Regulatory: Drug Development  
*John H. Sampson*

8:26–8:38 am

First in Human Trials: Device Development  
*Andrew E. Sloan*

8:39–8:51 am

Surgical Trialist–Phase 0 Trials  
*Nader Sanai*

8:52–9:04 am

Role of Surgeons in Late Phase Trials - Transition from Single-Center to Multi-Center Trials  
*Linda M. Liau*

9:05–9:15 am

Cooperative Clinical Trial Groups - NCTN: NRG, ABTC  
*James B. Elder*

**9:15–10:15 am**

**General Session 4: Managing Recurrence in Neuro Oncology**

**Speakers:** *Ashok R. Asthagiri, Veronica Chiang, Ian F. Dunn, Ian F. Parney, Michael A. Vogelbaum*

9:15–9:26 am

Recurrent GBM: When to Operate?

*Michael A. Vogelbaum*

9:27–9:39 am

Recurrent HGG: Trials in Development (What to do After Rapid Growth s/p Surgery, RT, Temodar, Avastin)

*Ian F. Parney*

9:39–9:50 am

Recurrent Brain Metastases in the Era of Immunotherapy: Considerations and Changing Indications; Radiation Necrosis and Dex in Era of Immunotherapy

*Veronica Chiang*

9:51–10:02 am

High-Grade Meningioma/Recurrent Skull Base Tumors

*Ian F. Dunn*

10:03–10:15 am

Familial Brain Tumors (NF1, NF2, Li Fraumeni): What to Do?

*Ashok R. Asthagiri*

**10:15–10:45 am**

**Break with Exhibitors**

**10:45 am–12:15 pm**

**Abstract Session 3: Selected Oral Abstract Presentations and Discussion**

**Moderators:** *Nduka M. Amankulor, W. Linda Bi, Michael E. Ivan*

**12:15–1:15 pm**

**Sponsored Lunch Symposium**

**1:15–3:00 pm**

**Laws Symposium**

**Speakers:** *Garni Barkhoudarian, Ian F. Dunn, John A. Jane, Daniel F. Kelly, Edward R. Laws, Le Min, Steven Newman, Daniel M. Prevedello, Jason P. Sheehan, Gabriel Zada*

1:15–1:17 pm

Introduction

*Edward R. Laws*

1:18–1:28 pm

Anatomy and Physiology of the Pituitary Region

*Garni Barkhoudarian*

1:29–1:39 pm

Imaging of Pituitary Tumors

*Gabriel Zada*

1:40–1:50 pm

Medical Therapy for Pituitary Adenomas

*Le Min*

1:51–2:01 pm

Neuro-Ophthalmologic Considerations for Pituitary Adenoma Patients

*Steven Newman*

2:02–2:12 pm

Extracapsular Removal of Macroadenomas

*John A. Jane*

2:13–2:23 pm

Extended Transsphenoidal Surgery

*Daniel M. Prevedello*

2:24–2:34 pm

Complications of Pituitary Surgery

*Daniel F. Kelly*

2:35–2:45 pm

Stereotactic Radiosurgery for Pituitary Adenomas

*Jason P. Sheehan*

2:46–2:56 pm

Future Developments of Pituitary Care

*Ian F. Dunn*

2:57–3:00 pm

Closing Remarks

**3:00–3:45 pm**

**Break with Exhibitors**

**3:45–5:00 pm**

**Abstract Session 4: Selected Oral Abstract Presentations**

**Moderators:** *Chad A. Glenn, Seunggu Jude Han, Gautam U. Mehta*