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

All speakers and topics are subject to change
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 Gehart

  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

All speakers and topics are subject to change
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

All speakers and topics are subject to change
SATURDAY, OCTOBER 16, 2021

7:00–8:00 am
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

All speakers and topics are subject to change
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