

2024 SNO Annual Meeting and Education Day

Schedule

Wednesday, 20 November, 2024

7:00am-5:35pm

[9th Annual Neuro-Oncology Review Course](#)

Details Coming Soon

8:30am-5:00pm

[6th Annual Introduction to Clinical Trial Design and Protocol Development Workshop](#)

Details Coming Soon

Thursday, 21 November, 2024

8:00am-4:30pm

[6th Annual Neuro-Oncology Fellow and Early Clinician - Investigator Career Retreat](#)

Details Coming Soon

8:00-8:10am

[Education Day Welcome and Introduction: Molecular Classification of Brain Tumors and its Role in Therapy](#)

Sanda Alexandrescu, Stephen Bagley, Jason Huse, Lindsay Kilburn, Joanna Phillips, Monica Venere
Applied and Basic Science Joint Session

Welcome and Introduction

8:10-10:10am

[Education Day Joint Session I: Introduction to Molecular Classification Past, Present and Future](#)

Sanda Alexandrescu, Stephen Bagley, Jason Huse, Lindsay Kilburn, Joanna Phillips, Monica Venere
CME

Applied and Basic Science Joint Session

Moderators: *Stephen Bagley and Monica Venere*

8:10 AM - 8:40 AM Keynote Presentation - The Evolving Landscape of Pediatric Brain Tumors, *Jason Chiang*

8:40 AM - 9:10 AM Keynote Presentation - The Evolution of Adult Brain Tumor Diagnoses and Implications for Clinical Trials, *Evanthia Galanis*

9:10 AM - 9:40 AM Keynote Presentation - Progressing Innovative Clinical Trials for the Targeting of Molecular Abnormalities in Cancer, *Vivek Subbiah*

9:40 AM - 9:55 AM Case Study Presentation and Discussion #1

9:55 AM - 10:10 AM Case Study Presentation and Discussion #2

10:10-10:25am

[Break](#)

Applied Science and Basic Science

10:25-11:45am

Education Day: Applied Science Session II - Targeted Therapy

Stephen Bagley, Lindsay Kilburn, Joanna Phillips

CME

Applied Science

Moderators: *Lindsay Kilburn and Joanna Phillips*

10:25 AM - 10:45 AM Targeted Therapy for IDH-Mutant Glioma: Integrating IDH Inhibition into the Current Therapeutic Landscape, *Julie Miller*

10:45 AM - 11:05 AM BRAF/MEK Targeted Therapy for Adult Glioma: Who, When, and How?, *Karisa Schreck*

11:05 AM - 11:25 AM Inhibitors of the BRAF Pathway in Pediatric Low-Grade Glioma, Current State and Next Steps, *Til Milde*

11:25 AM - 11:45 AM Discussion

10:25am-12:00pm

Education Day: Basic Science Session II - Cell of Origin and Molecular Etiology

Sanda Alexandrescu, Jason Huse, Monica Venere

CME

Basic Science

Moderators: *Sanda Alexandrescu and Jason Huse*

10:25 AM - 10:45 AM Cells of Origin and Molecular Pathogenesis of Malignant Pediatric Glioma, *Nada Jabado*

10:45 AM - 11:05 AM Ependymomas and the Evolution of the Classification Schemes and Treatment Regimens, *Mariella Filbin*

11:05 AM - 11:25 AM Glioma Etiology and the Role of Neurodevelopmental Context, *Aparna Bhaduri*

11:25 AM - 11:45 AM Inherited Risk Alleles and their Impact on Gliomagenesis, *Daniel Schramek*

11:45 AM - 12:00 PM Discussion

11:45am-1:15pm

Education Day Applied Science Lunch - Education Day participants are encouraged to attend the SNO Cares Wellness Luncheon

Applied Science

Education Day participants are encouraged to attend the SNO Cares Wellness Luncheon

12:00-1:15pm

Education Day Basic Science Lunch - Education Day participants are encouraged to attend the SNO Cares Wellness Luncheon

Education Day participants are encouraged to attend the SNO Cares Wellness Luncheon

12:15-1:05pm

SNO Cares Wellness Luncheon

Non-CME

Wellness in Neuro-Oncology: Exploring Approaches for Effective and Sustainable Careers in Neuro-Oncology.

Description: Join the SNO Wellness Committee Chairs and senior leaders in the field for a discussion on how to maintain wellness and prevent burnout during your neuro-oncology career.

1:15-2:55pm

Education Day: Applied Science Session III - Precision Medicine Trials and Local Therapies

Stephen Bagley, Lindsay Kilburn, Joanna Phillips

CME

Applied Science

Moderators: Stephen Bagley and Joanna Phillips

1:15 PM - 1:35 PM Augmented Intraoperative Pathology and Molecular Classification, *Todd Hollon*

1:35 PM - 1:55 PM Surgical Management of Diffuse Glioma and Outcomes, *Shawn Hervey-Jumper*

1:55 PM - 2:15 PM Precision Radiation Oncology: Molecularly Guided Management of Brain Metastases, *Helen Shih*

2:15 PM - 2:35 PM CSF as a Molecular Diagnostic Tool in DMG and Pediatric Brain Tumors, Current Status and Future Directions, *Carl Koschmann*

2:35 PM - 2:55 PM Discussion

1:15-2:55pm

Education Day: Basic Science Session III - Targeted Therapy

Sanda Alexandrescu, Jason Huse, Monica Venere

CME

Basic Science

Moderators: *Sanda Alexandrescu and Monica Venere*

1:15 PM - 1:35 PM Targeted Therapy, Basic and Preclinical, *Christian Badr*

1:35 PM - 1:55 PM Targeting BRD2-Mediated Mesenchymal Transition in Glioblastoma, *Frank Furnari*

1:55 PM - 2:15 PM Basic and Preclinical Work in *FGFR*-Altered Pediatric Gliomas, *Pratiti Bandopadhyay*

2:15 PM - 2:35 PM Basic and Preclinical Work in Targetable Molecular Alterations in High Grade CNS Tumors, *Johannes Gojo*

2:35 PM - 2:55 PM Discussion

2:00-5:20pm 310

SNO Executive Leadership Program - by invitation only

Non-CME

Intended for those newly assigned to leadership roles; Senior leaders share their experiences followed by breakout sessions with attendees to discuss challenges faced on specific topics at individual institutions.

2:55-3:10pm

Break

Applied Science and Basic Science

3:10-5:10pm

Education Day Applied Science: Session IV - Rare Tumor Entities and Clinical Trial Design

Stephen Bagley, Lindsay Kilburn, Joanna Phillips

CME

Applied Science

Moderators: *Steve Bagley and Lindsay Kilburn*

3:10 PM - 3:30 PM Overcoming the Limitations of Rare Tumors, *Annie Huang*

3:30 PM - 3:50 PM Updates on Diagnosis and Treatment of Recently Defined Entities in Pediatrics and Future Directions for Therapy, *Adriana Fonseca*

3:50 PM - 4:10 PM Molecular Classification of Primary CNS Tumors: Considerations for Clinical Trial Design, *Rifaquat Rahman*

4:10 PM - 4:30 PM Diagnostic Approach to Challenging CNS Tumor Entities , *MacLean Nasrallah*

4:30 PM - 4:50 PM Maximizing Therapeutic Benefit from Improved Diagnostics, *Joanna Phillips*

4:50 PM - 5:10 PM Discussion

3:10-4:45pm

Education Day: Basic Science Session IV - Technology

Sanda Alexandrescu, Jason Huse, Monica Venere

CME

Basic Science

Moderators: *Jason Huse and Monica Venere*

3:10 PM - 3:30 PM Non-Invasive Metabolic Imaging of Biomarkers related to Altered Genomics and Biology in Brain Tumors with Relevant Background, *Pavithra Viswanath*

3:30 PM - 3:50 PM Advanced Quantitative Imaging of Biomarkers for Molecular/Physiological Classification of Pediatric CNS Tumors, *Aashim Bhatia*

3:50 PM - 4:10 PM Cutting-edge Technologies in Brain Tumor Diagnostics, *Livia Eberlin*

4:10 PM - 4:30 PM Highlighting your Work on New Technologies for Multiplexed Tissue Imaging of Brain Tumors, *Sandro Santagata*

4:30 PM - 4:45 PM Discussion

4:45-4:50pm

Education Day Basic Science: Closing Remarks

Sanda Alexandrescu, Jason Huse, Monica Venere

Basic Science

Closing Remarks

5:10-5:15pm

Education Day Applied Science: Closing Remarks

Stephen Bagley, Lindsay Kilburn, Joanna Phillips

Applied Science

Closing Remarks

5:30-6:30pm

Diversity and Women in Neuro-Oncology Award and Networking Reception - Open to All Meeting Attendees

6:30-7:30pm

Young Investigator's Career Development and Networking Reception - Registration Required

Non-CME

Early Career professionals will participate in a networking mentoring session, where they will interact with potential collaborators and senior mentors. This event is extremely popular, so don't wait to register!

7:30-10:00pm Avenida

Welcome Reception - Open to All Meeting Attendees

Non-CME

Join the Society for Neuro-Oncology for a Houston-inspired "Bigger & Brighter in Texas" Welcome Reception. Experience iconic Houston elements like space exploration, the Astros, and the city's rich Western heritage. Bring your colleagues to strike a pose in the SNO photo booth before enjoying Texan-influenced cuisine and drinks that will be served throughout the Avenida.

Friday, 22 November, 2024

6:30-7:15am Hilton Americas Houston - Skyline Terrace

SNOcares Yoga Session

7:15-8:45am

Abstract Session - Clinical Trials - Immunotherapy

Non-CME

7:15-8:45am

Abstract Session - Health Disparities and Quality Improvement

Non-CME

7:15-8:45am

Abstract Session - Molecular Pathology I

Non-CME

7:15-8:45am

Diagnosis and Management of Non-Hodgkin Lymphoma of the Nervous System

CME

Moderators: *Joachim Baehring and Lauren Schaff*

7:15 AM - 7:20 AM Welcome and Introduction, *Joachim Baehring*

7:20 AM - 7:40 AM PCNSL - Diagnosis and First Line Management, *Nimish Mohile*

7:40 AM - 8:00 AM Management of relapsed NHL of the nervous system, *Lakshmi Nayak*

8:00 AM - 8:20 AM Rare Manifestations (NL, IVL, PTLD), *Leon Kaulen*

8:20 AM - 8:40 AM Neurologic complications of Non-Hodgkin lymphoma therapy, *Bianca Santomaso*

8:40 AM - 8:45 Closing Remarks, *Lauren Schaff*

7:15-8:45am

Joint Debate on Clinical Controversies

Moderators: *Mary Jane Lim-Fat, Jasia Mahdi and Jan-Michael Werner*
Protons vs Photons in IDH-Mutant Gliomas, *Derek Tsang vs Felix Ehret*
Re-resection for Glioblastoma, Yes or No? *Jacob Young vs Philipp Karschnia*
Upfront BRAF-Inhibition in BRAF-Mutant High-Grade Gliomas, Pro vs Con, *Sebastian Perreault vs Marjolein Geurts*

7:15-8:45am

Neuronal Regulation of Brain Tumors: The Way to the Clinic

CME

Moderators: *Mariella Filbin and Anna Lasorella*

7:15 AM - 7:20 AM Welcome and Introduction, *Anna Lasorella*

7:20 AM - 7:40 AM Cancer Neuroscience: The Role of Neurosurgery, *Shawn Hervey-Jumper*

7:40 AM - 8:00 AM Pediatric Neuro Oncology Cancer Neuroscience Translation, *David Gutmann*

8:00 AM - 8:20 AM Neuro-Immuno-Oncology Translation, *Michelle Monje*

8:20 AM - 8:40 AM Adult Neuro-Oncology Cancer Neuroscience Translation, *Frank Winkler*

8:40 AM - 8:45 AM Closing Remarks, *Mariella Filbin*

8:00-9:00am Hilton Americas Houston - 335

Pediatric Fellowship Meeting

Non-CME

Meeting for all Program Directors of Pediatric Neuro-Oncology Fellowship Programs to discuss past achievements and future goals.

8:45-9:00am

Break

9:00-10:30am

Plenary I

Howard Colman, Michelle Monje, Erik Sulman, Humsa Venkatesh

Non-CME

2024 SNO Annual Meeting Co-Chairs Welcome and Introduction, *Howard Colman, Michelle Monje, Erik Sulman and Humsa Venkatesh*

Keynote Presentation: Hallmarks of Cancer, *Douglas Hanahan, 2024 Sontag Distinguished Lecture*

Women in Neuro-Oncology Mentorship Award Recipient, *Katherine Peters*

Community Service Award, *Ralph DeVitto*

Top Scoring Abstracts

10:00-11:00am Hilton Americas Houston - 335

Adult Fellowship Match

Non-CME

Meeting for all Adult Neuro-Oncology Program Directors to discuss past achievements and future goals.

10:30-10:45am

Break

10:45am-12:15pm

Abstract Session - Basic Science I

Non-CME

10:45am-12:15pm

Abstract Session - CNS Metastases

Non-CME

10:45am-12:15pm

Abstract Session - Pediatrics I

Non-CME

10:45am-12:15pm

Advanced Practice Providers in Practice and Research

CME

Moderators: *Mary Lou Affronti and Karl Cristie Figuracion*

10:45 AM - 10:50 AM How I Funded My Training and Research, *Karl Cristie Figuracion*

10:50 AM - 10:55 AM Behavioral Research and Interventions in Neuro-Oncology, *Sarah Braun*

10:55 AM - 11:00 AM Dual Role as a CNS and Scientist, *Christina Amidei*

11:00 AM - 11:25 AM Panel Discussion, *Mary Lou Affronti, Karl Cristie Figuracion, Sarah Braun and Christina Amidei*

11:25 AM - 11:30 AM Break

Moderator: *Dalissa Tejera*

11:30 AM - 11:35 AM Variation in Neuro-Oncology APP Practice, *Dalissa Tejera*

11:35 AM - 12:15 PM Panel Discussion, *Jennifer Serventi, Christina Orr and Brien Barrett*

10:45am-12:15pm

New and Emerging CNS Tumor Entities

CME

Moderators: *Jason Huse and Cristiane Ida*

10:45 AM - 10:50 AM Welcome and Introduction, *Cristiane Ida*

10:50 AM - 11:05 AM Glioblastoma - Updates on Current Definition and Molecular Subtypes, *David Solomon*

11:05 AM - 11:20 AM New and Emerging Glial and Glioneuronal Tumor Entities, *Kenneth Aldape*

11:20 AM - 11:35 AM New and Emerging CNS Embryonal Tumor Entities, *Johannes Gojo*

11:35 AM - 11:50 AM New and Emerging Primary Intracranial Mesenchymal Tumors, *Sanda Alexandrescu*

11:50 AM - 12:10 PM Q&A

12:10 PM - 12:15 PM Closing Remarks, *Jason Huse*

10:45am-12:15pm

Optimizing Clinical Trial Endpoints in Neuro-Oncology Trials

CME

Moderators: *Jian Campian and Jason Fangusaro*

10:45 AM - 10:50 AM Welcome and Introduction, *Jian Campian*

10:50 AM - 11:15 AM Developing a Neuro-Oncology Clinical Trial: Optimizing Outcome Measures, *Eudocia Q. Lee*

11:15 AM - 11:40 AM Neuro-Oncology Clinical Trial Endpoints: Lessons Learned, *Jaishri Blakeley*

11:40 AM - 12:05 PM Optimizing Neuro-Oncology Clinical Trial Endpoints: A Statistician's Perspective, *Susan Geyer*

12:05 PM - 12:10 PM Discussion

12:10 PM - 12:15 PM Closing Remarks, *Jason Fangusaro*

12:15-12:45pm

Lunch

12:45-2:00pm 320

Community Neuro-Oncology

Non-CME

Intended to engage practitioners in the community setting with challenges faced in providing care to neuro-oncology patients; offers collaboration with larger centers in dissemination of latest scientific advancements in neuro-oncolgy.

12:45-2:00pm

Diversity and Women in Neuro-Oncology Lunch Session - Open to All Meeting Attendees

Join the Diversity and Women in Neuro-Oncology Committee for a dynamic lunch session open to all members. Further details to follow.

12:45-1:45pm

ISS Sessions

1:45-2:00pm

Break

2:00-3:30pm

Plenary II

Howard Colman, Michelle Monje, Erik Sulman, Humsa Venkatesh

Non-CME

Keynote Presentation: The Evolving Treatment of Spine Metastases, *Amol Ghia, Quin and Zeng Spinal Oncology Lecture*

Lisa DeAngelis Award for Excellence in Neuro-Oncology Education Recipient, *Maciej Mrugala*

Lifetime Achievement Award Recipient, *Mitchel Berger*

Abhijit Guha Award Recipient and Lecture, The Neuroscience of Brain Cancer, *Michelle Monje*

Top Scoring Abstracts

3:30-3:45pm

Break

3:45-5:15pm

Abstract Session - Neurogenetic Tumor Syndromes and Neurohematology

Non-CME

3:45-5:15pm

Abstract Session - Neurosurgery

Non-CME

3:45-5:15pm

Abstract Session - Survivorship

Non-CME

3:45-5:15pm

EANO-SNO Joint Session: Advanced Imaging and Theranostics

CME

Moderators: *Ramon Barajas and Matthias Preusser*

3:45 PM - 3:50 PM Welcome and Introduction, *Ramon Barajas*

3:50 PM - 4:10 PM Amino Acid PET in Primary and Secondary Brain Tumors - An Overview, *Norbert Galldiks*

4:10 PM - 4:30 PM PET-Guided Management of Patients with Meningioma, *Jana Ivanidze*

4:30 PM - 4:50 PM Theranostics in Neuro-Oncology - A Novel Therapeutic Strategy, *Nathalie L. Albert*

4:50 PM - 5:10 PM Bringing FET PET into Clinical Imaging in the US: Lessons from a Single Institution, *Javier Villanueva-Meyer*

5:10 PM - 5:15 PM Closing Remarks, *Matthias Preusser*

3:45-5:15pm

Radiotherapy vs Targeted Therapy: The Great Debate

CME

Moderators: *Jona Hattangadi-Gluth and David Raleigh*

3:45 PM - 3:50 PM Welcome and Introduction of Topic I and Case I, *Jona Hattangadi-Gluth*

3:50 PM - 4:00 PM Advanced Radiotherapy Approaches for Brain Metastases, *Rupesh Kotecha*

4:00 PM - 4:10 PM Targeted Systemic Therapy for Brain Metastases: Put Radiotherapy on Hold, *Tresa McGranahan*

4:10 PM - 4:25 PM Topic I: Panel Discussion and Debate

4:25 PM - 4:30 PM Introduction of Topic and Case II, *David Raleigh*

4:30 PM - 4:40 PM Chemoradiation for High Risk IDH Mutant Gliomas, *Seema Nagpal*

4:40 PM - 4:50 PM The Role of IDH Inhibition for IDH-Mutant Gliomas, The Next Frontier, *Erik Sulman*

4:50 PM - 5:05 PM Topic II Panel Discussion and Debate

5:05 PM - 5:15 PM Q&A and Closing Remarks

3:45-5:15pm

Spatial Transcriptomics

CME

Moderators: *Betty Kim And Jing Wu*

3:45 PM - 3:50 PM Welcome and Introduction, *Betty Kim*

3:50 PM - 4:10 PM Exploring Spatial Tumor Evolution and Resistance Through Reinforcement Learning, *Dieter Henrik Heiland*

4:10 PM - 4:30 PM *Keri Martinowich*

4:30 PM - 4:50 PM Cancer-Nerve Interventions: an *in situ* Spatial Challenge, *William Hwang*

4:50 PM - 5:10 PM Spatial Organization of Glioma Cells and Their Brain Invasion, *Itay Tirosh*

5:10 PM - 5:15 PM Closing Remarks, *Jing Wu*

5:15-5:30pm

Break

5:30-7:30pm 310

Student and Trainee Forum - free registration requested online

Non-CME

Special session for medical students, graduate students, residents, fellows, or postdocs to engage, learn, and connect with experts of various specialties within neuro-oncology.

7:30-9:30pm

Poster Session

Non-CME

7:30-8:30pm

Rapid Report I

Non-CME

7:30-8:30pm

Rapid Report II

Non-CME

7:30-8:30pm

Rapid Report III

Non-CME

7:30-8:30pm

Rapid Report IV

Non-CME

7:30-8:30pm

Rapid Reports V

Non-CME

Saturday, 23 November, 2024

6:30-7:15am Hilton Americas Houston - Skyline Terrace

[SNOCare's Yoga Session](#)

7:15-8:45am

[Abstract Session - Basic Science II](#)

Non-CME

7:15-8:45am

[Abstract Session - Cancer Neuroscience I](#)

Non-CME

7:15-8:45am

[Abstract Session - Radiation Sciences](#)

Non-CME

7:15-8:45am

[Emerging Therapeutic Platforms and Technologies for Brain Tumor Treatment](#)

Non-CME

Moderators: *Rupa Juthani and Betty Kim*

7:15 AM - 7:20 AM Welcome and Introduction, *Rupa Juthani*

7:20 AM - 7:35 AM Rapid Intraoperative Diagnostics, *Felix Sahm*

7:35 AM - 7:50 AM Microfluidic Implantable Devices: A New Paradigm for Intraoperative Therapy Selection, *Pier Paolo Peruzzi*

7:50 AM - 8:05 AM Photodynamic and Sonotherapy, *Nicolas Reyns*

8:05 AM - 8:20 AM Cellular Engineered Therapy, *Bryan Choi*

8:20 AM - 8:40 AM Discussion and Q&A

8:40 AM - 8:45 AM Closing Remarks, *Betty Kim*

7:15-8:45am

[Ependymomas: Molecular Classifications and Impact on Therapeutic Options](#)

CME

Moderators: *Shannon Fortin Ensign and Phioanh Leia Nghiemphu*

7:15 AM - 7:20 AM Welcome and Introduction, *Shannon Fortin Ensign*

7:20 AM - 7:40 AM Molecular Profiling/ Classification of Ependymoma, *Cynthia Hawkins*

7:40 AM - 8:00 AM Immunotherapy for Ependymoma, *Meenakshi Hegde*

8:00 AM - 8:20 AM Targeted Therapies for Ependymoma, *Mark Gilbert*

8:20 AM - 8:40 AM Treatment Strategies for Ependymomas in NF2-related Schwannomatosis, *Phioanh Leia Nghiemphu*

8:40 AM - 8:45 AM Closing Remarks, *Phioanh Leia Nghiemphu*

7:15-8:45am

The Interactions Between Cancer and Cognitive Function

CME

Moderator: *David Cachia and Kee Kiat (Aaron) Yeo*

7:15 AM - 7:20 AM Welcome and Introduction, *David Cachia*

7:20 AM - 7:40 AM *Michael Parsons*

7:40 AM - 8:00 AM Neurocognitive Outcomes and Interventions Among Pediatric Cancer Survivors, *Heather Conklin*

8:00 AM - 8:20 AM *Jona Hattangadi-Gluth*

8:20 AM - 8:40 AM *Florien Boele*

8:40 AM - 8:45 AM Closing Remarks, *Kee Kiat (Aaron) Yeo*

8:45-9:00am

Break

9:00-10:30am

Plenary III

Howard Colman, Michelle Monje, Erik Sulman, Humsa Venkatesh

Presidential Address and SNO Announcements, *Daphne Haas-Kogan*

Top Scoring Abstracts

Keynote Presentation: Car T Cell Therapy for Brain Tumors, *Crystal Mackall*

10:30-10:45am

Break

10:45am-12:15pm

AAN-SNO Joint Session: Autoimmune Neurology in The Cancer Patient

CME

Moderators: *Nimish Mohile and Andrea Wasilewski*

10:45 AM - 10:50 AM Welcome and Introduction, *Andrea Wasilewski*

10:50 AM - 11:05 AM Harnessing CAR T Cells for Pediatric Diffuse Midline Glioma Patients, *Sneha Ramakrishna*

11:05 AM - 11:20 AM CAR-T Cell Neurotoxicity, *Bianca Santomasso*

11:20 AM - 11:35 AM Neurologic Complications of Immune Checkpoint Inhibitors, *Jorg Dietrich*

11:35 AM - 11:50 AM Post-immune checkpoint inhibitor paraneoplastic neurological

syndromes araneoplastic neurological syndromes, *Anastasia Zekeridou*

11:50 AM - 12:10 PM Discussion and Q&A

12:10 PM - 12:15 PM Closing Remarks, *Nimish Mohile*

10:45am-12:15pm

Abstract Session - Clinical Trials - Non Immunologic I

Non-CME

10:45am-12:15pm

Abstract Session - Neuroimaging I

Non-CME

10:45am-12:15pm

Abstract Session - Pediatrics II - Diffuse Midline Gliomas

Non-CME

10:45am-12:15pm

Targeting Tumor Metabolism

Non-CME

Moderators: *Mioara Larion and Diana Shi*

10:45 AM - 10:50 AM Welcome and Introduction, *Mioara Larion*

10:50 AM - 11:10 AM Developing Integrated Metabolic Therapies and Imaging Biomarkers for Brain Tumors, *Pavithra Viswanath*

11:10 AM - 11:30 AM Mechanisms of Pyrimidine Synthesis Pathway Choice in the Brain, *Samuel McBrayer*

11:30 AM - 11:50 AM Measuring and Targeting Metabolism in Patients with Brain Cancer, *Daniel Wahl*

11:50 AM - 12:10 PM *Paul Mischel*

12:10 PM - 12:15 PM Closing Remarks, *Diana Shi*

10:45am-12:15pm

The Current Landscape of Workup and Management of Neurogenetic Tumor Syndromes

CME

Moderators: *Angela Hirbe and Rimas Lukas*

10:45 AM - 10:50 AM Welcome and Introduction, *Angela Hirbe*

10:50 AM - 11:05 AM The Patient Journey to Diagnosis - Indications for Genetic Testing for Suspected Neurogenetic Syndromes, *Ashley Cannon*

11:05 AM - 11:20 AM Current Screening Recommendations for Neurogenetic Tumor Syndromes: TSC, LFS, VHL, Turcot, and Lynch Syndromes, *Prashant Chittiboina*

11:20 AM - 11:35 AM Current Screening Recommendations for Neurogenetic Tumor Syndromes: NF1, NF2, Schannomatosis, *Harish Vasudevan*

11:35 AM - 11:50 AM Recent Advances in Targeted Therapies for Neurogenetic Tumor Syndromes, *Jaishri Blakeley*

11:50 AM - 12:10 PM Discussion and Q&A

12:10 PM - 12:15 PM Closing Remarks, *Rimas Lukas*

12:15-12:45pm

Lunch

12:45-2:00pm

International Outreach Committee Lunch Session - Open to All Meeting Attendees

Join the International Outreach Committee for an interactive lunch session featuring a speaker and panel discussion and the recognition of the 2024 Travel Scholarship recipients, representing countries from across the globe. This session is open to all members. Further details to follow.

12:45-1:45pm

ISS Sessions

12:45-2:00pm

Young Investigator's Luncheon

Non-CME

Join your fellow young investigators for a keynote presentation from a senior mentor on developing leadership skills and how to build a career while maintaining a work-life balance. After the keynote, informal table discussions will take place on various topics led by mentor experts in the field.

1:45-2:00pm

Break

2:00-3:30pm

Plenary IV

Howard Colman, Michelle Monje, Erik Sulman, Humsa Venkatesh

Top Scoring Abstracts

Jan Esenwein Award for Public Service in Neuro-Oncology Recipients, *Liz Salmi and Helen Shih*

Victor Levin Award Recipient and Lecture, *Martin van den Bent*

Top Scoring Abstracts

3:30-3:45pm

Break

3:45-5:15pm

Abstract Session - CNS Rare Tumors

Non-CME

3:45-5:15pm

Abstract Session - Molecular Pathology II

Non-CME

3:45-5:15pm

Abstract Session - Neurology of Cancer

Non-CME

3:45-5:15pm

Cellular Therapies in Adult and Pediatric Brain Tumors

CME

Moderator: *Michelle Monje*

3:45 PM - 3:50 PM Welcome and Introduction, *Michelle Monje*

3:50 PM - 4:10 PM CAR T Cell Therapy for GBM, *Leo Wang*

4:10 PM - 4:30 PM GD2-CAR Strategies for DMG, *Michelle Monje*

4:30 PM - 4:50 PM EGFR-Targeting CAR, *Stephen Bagley*

4:50 PM - 5:10 PM CAR T Cell Therapy for Pediatric Brain Tumors, *Nicholas Vitanza*

5:10 PM - 5:15 PM Closing Remarks

3:45-5:15pm

RANO

Non-CME

3:45-5:15pm

Statistics, Sexual Health & Fertility, and Special Considerations in Sexual and Gender Diverse AYA Populations

CME

Moderators: *Jill Barnholtz-Sloan, Na Tosha Gatson and Kristin Waite*

3:45 PM - 3:50 PM Welcome and Introduction, *Jill Barnholtz-Sloan*

3:50 PM - 4:10 PM The Epidemiology of Brain and CNS Tumors in Adolescents and Young Adults, *Quinn Ostrom*

4:10 PM - 4:30 PM Sexual Health and Fertility in Adolescents and Young Adults with a Diagnosis of Cancer, *Maria Boccia*

4:30 PM - 4:50 PM Special Considerations in Sexual and Gender Diverse AYA Cancer Survivors, *Lauren Ghazal*

4:50 PM - 5:10 PM Discussion and Q&A

5:10 PM - 5:15 PM Closing Remarks, *Na Tosha Gatson*

7:30-10:30pm The Rustic

2024 SNO Annual Meeting Gala - Pre-purchased Ticket Required

Non-CME

Get ready for a fun-filled night of rodeo antics at SNO's annual Gala, hosted at The Rustic, just across from the convention center. Dress up in your finest rodeo attire and join the festivities, which will include line dancing, live music, games, a bourbon tasting, and an authentic Texan meal. And of course, no rodeo would be complete without a mechanical bull - can you hold on for eight seconds?

1836 Polk Street, Houston, Texas

Sunday, 24 November, 2024

8:30-10:00am

Abstract Session - Basic Science III

Non-CME

8:30-10:00am

Abstract Session - Cancer Neuroscience II

Non-CME

8:30-10:00am

Abstract Session - Pediatrics III - Medulloblastomas

Non-CME

8:30-10:00am

IDH Inhibitors: Current Understanding, Clinical Use and Future Directions

CME

Moderators: *Omar Arnaout and Tom Davidson*

8:30 AM - 8:35 AM Welcome and Introduction, *Omar Arnaout*

8:35 AM - 8:55 AM IDH-mutant Glioma: An Overview of Current Understanding and Trial Outcomes, *Jing Wu*

8:55 AM - 9:15 AM The Practical Use of IDH inhibitors in Current Practice, *Patrick Wen*

9:15 AM - 9:35 AM A Multidisciplinary Approach to IDH-Mutant Glioma, *Priya Kumthekar*

9:35 AM - 9:55 AM The Future Outlook and Upcoming Clinical Trials on IDH-Mutant Glioma, *David Schiff*

9:55 AM - 10:00 AM Closing Remarks, *Tom Davidson*

8:30-10:00am

Incorporating Artificial Intelligence and Neuroimaging in Clinical Trials

CME

Moderators: *Timothy Kaufmann*

8:30 AM - 8:35 AM Welcome and Introduction, *Timothy Kaufmann*

8:35 AM - 8:51 AM Considerations when applying AI in Neuro-oncology, *Caroline Chung*

8:51 AM - 9:07 AM Utility of AI based models for defining targeted therapy, *Graeme Woodworth*

9:07 AM - 9:23 AM AI-based predictive modeling for trial candidate selection; *MacLean Nasrallah*

9:23 AM - 9:39 AM AI-based response monitoring and progression prediction, *Janine Lupo*

9:39 AM - 9:59 AM Debate: Is AI Ready for Primetime in Clinical Trials?, *Christos Davatzikos, pro vs Benjamin Ellingson, con*

9:59 AM - 10:00 AM Closing Remarks

8:30-10:00am

Targeted therapy for MAPK-Altered Glioma: From Clinical Trials to Clinical Practice

CME

Moderators: *Shannon Fortin Ensign and Phioanh Leia Nghiemphu*

8:30 AM - 8:35 AM Welcome and Introduction, *Phioanh Leia Nghiemphu*

8:35 AM - 8:55 AM Raf Inhibition in Pediatric Glioma, Updates from the FIREFLY-1 Trial, *Lindsay Kilburn*

8:55 AM - 9:15 AM BRAF V600 Inhibition in Pediatric Glioma, Updates from Clinical Trials, *Eric Bouffet*

9:15 AM - 9:35 AM BRAF/MEK Inhibition in Adult Glioma, Updates from Clinical Trials, *Karisa Schreck*

9:35 AM - 9:55 AM Future Directions for Targeting MAPK in Adult CNS Tumors, *Patrick Wen*

9:55 AM - 10:00 AM Closing Remarks, *Shannon Fortin Ensign*

10:00-10:15am

Break

10:15-11:45am

Abstract Session - Basic Science IV

Non-CME

10:15-11:45am

Abstract Session - Clinical Trials - Non Immunologic II

Non-CME

10:15-11:45am

Abstract Session - Neuroimaging II

Non-CME

10:15-11:45am

ASNO-SNO Joint Session: CNS Germ cell Tumors – Diagnosis, Management, and Latest Advances Across the Globe

CME

Moderators: *Mohamed Abdelbaki and Koichi Ichimura*

10:15 AM - 10:20 AM Welcome and Introduction, *Koichi Ichimura*

10:20 AM - 10:35 AM Intracranial Germ Cell Tumours – European Approach, *Matthew Murray*

10:35 AM - 10:51 AM CNS Germ Cell Tumors – North American Approach, *Mohamed Abdelbaki and Shannon MacDonald*

10:51 AM - 11:06 AM Novel Molecular Subtypes Identified in Intracranial Germ Cell Tumors, *Bo Li*

11:06 AM - 11:21 AM Advancements and Future Directions in the Diagnosis, Treatment, and Pathophysiological Understanding of Central Nervous System Germ Cell Tumors, *Hirokazu Takami*

11:21 AM - 11:41 AM Discussion and Q&A

11:41 AM - 11:45 AM Closing Remarks, *Mohamed Abdelbaki*

10:15-11:45am

From Bench to Bedside with Leptomeningeal Metastasis: What We Know, Where We Are Headed

CME

Moderators: *Michelle Kim and Barbara O'Brien*

10:15 AM - 10:20 AM Welcome and Introduction, *Michelle Kim*

10:20 AM - 10:35 AM Leptomeningeal Metastasis: State of the Science, *Adrienne Boire*

10:35 AM - 10:50 AM Novel Biomarkers and Therapeutics for LMD: Translation to Clinical Trials, *Priya Kumthekar*

10:50 AM - 11:05 AM Optimal Integration of Local Therapies in the Treatment of LMD Through Individualized Radiation Approaches, *Jonathan Yang*

11:05 AM - 11:20 AM Systemic Therapies for Breast Cancer LMD: A Paradigm for Multidisciplinary Coordination, *Sarah Sammons*

11:20 AM - 11:40 AM Discussion and Q&A

11:40 AM - 11:45 AM Closing Remarks, *Barbara O'Brien*

10:15-11:45am

Liquid Biopsy for CNS Tumors

CME

Moderators: *Leomar Ballester and David Solomon*

10:15 AM - 10:20 AM Welcome and Introduction, *David Solomon*

10:20 AM - 10:35 AM Minimally-Invasive Diagnosis and Monitoring of Disease, *Chetan Bettagowda*

10:35 AM - 10:50 AM Practical Experience and Technical Challenges, *Alexandra Miller*

10:50 AM - 11:05 AM Liquid Biopsy for CNS Tumors Using DNA Methylation Analysis of Cell-Free DNA, *Daniel de Carvalho*

11:05 AM - 11:20 AM Liquid Biopsy for CNS Tumors Using Tumor-Secreted Extracellular Vesicles, *Franz Ricklefs*

11:20 AM - 11:40 AM Q&A

11:40 AM - 11:45 AM Closing Remarks, *Leomar Ballester*