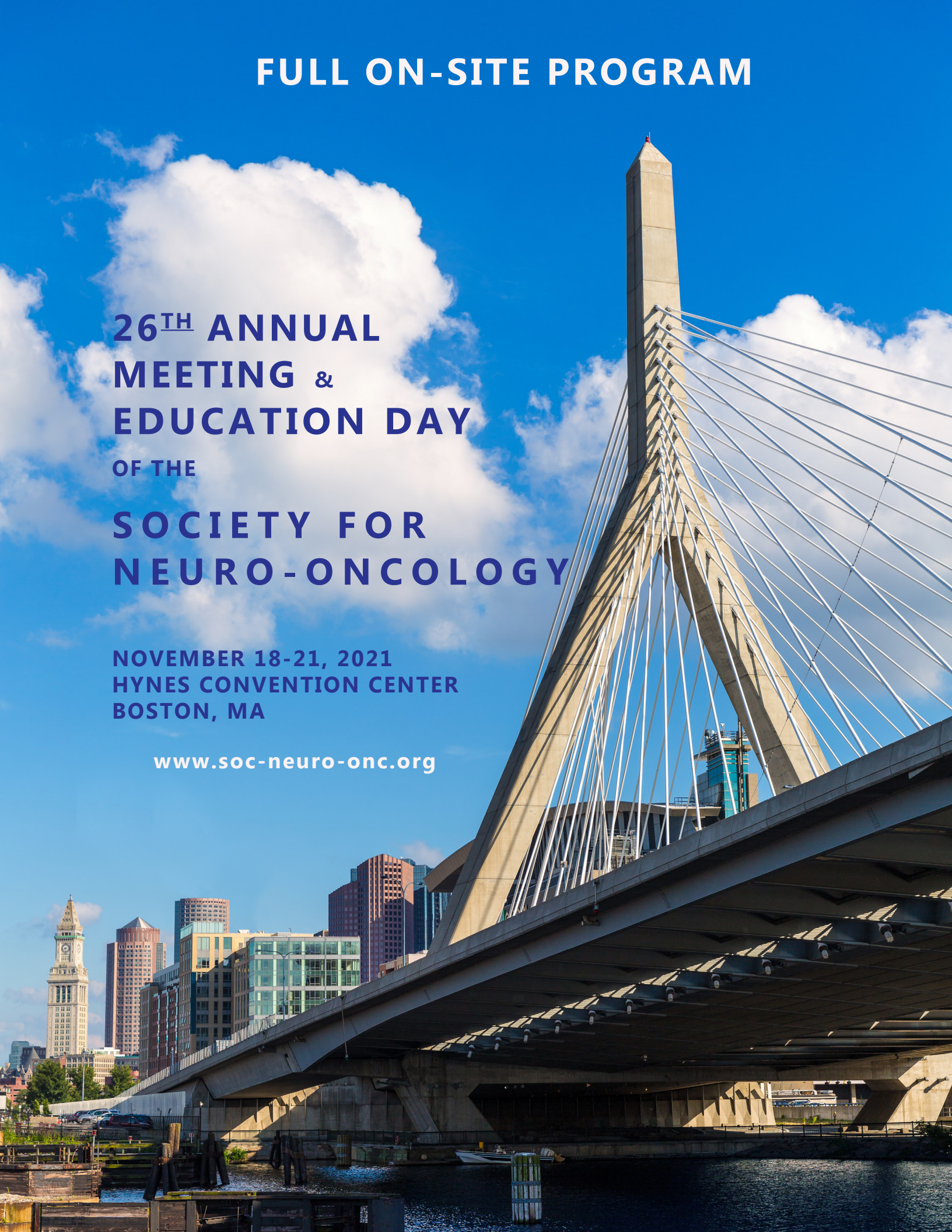


FULL ON-SITE PROGRAM

26TH ANNUAL MEETING & EDUCATION DAY OF THE SOCIETY FOR NEURO-ONCOLOGY

NOVEMBER 18-21, 2021
HYNES CONVENTION CENTER
BOSTON, MA

www.soc-neuro-onc.org



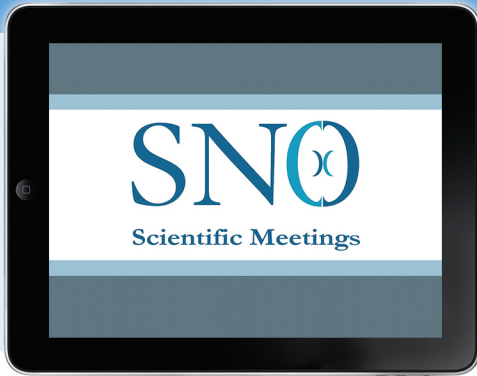


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Booth **200**

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A Guide to using the SNO 2021 Mobile App



Make the Most of Your On-Site Experience!*



Searchable Abstracts

Attendees can find abstracts by searching for any word used in a abstracts title, abstract, keyword or presenter list.



Q&A Sessions

Attend daily Q&A sessions and post your comments in the app. See other attendees questions and moderator answers.



Create & Share Schedules

Attendees can schedule sessions and personal items, then sync with their own calendars!



Social Features

Attendees can view and communicate with other app users, speakers, and exhibitors.

*Download before you go! On-Site WiFi service can affect the functionality of the app.

1. Download the SNO Scientific Meetings App

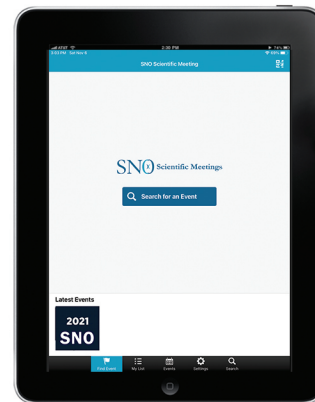


Scan this QR Code or search for **SNO Scientific Meetings** in the Apple App Store or Google Play Store.

INSTALL and **OPEN** the app then **SELECT** the event:

SNO 2021 Annual Meeting

CLICK the icon to launch your app.



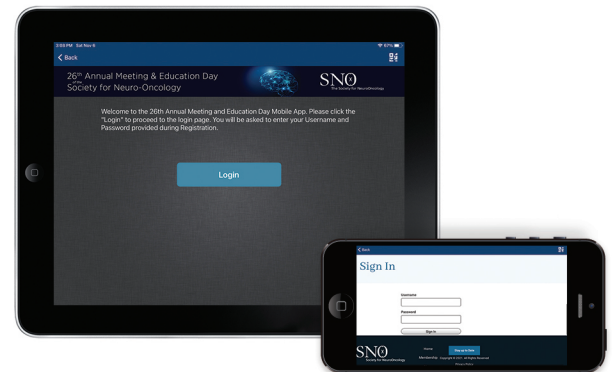
Scan the QR Code to find the app in the App Store or Google Play

2. Login to your event App



To start using the SNO 2021 Annual Meeting event app, select **“Login”** to proceed to the Login Page.

Enter your email address used during registration and the password provided to access the mobile app content.



3. Use the app and engage with the event!

Locate the schedule, add sessions to your personal schedule and search for your favorite session. Learn about our speakers, network and message other attendees (be sure to agree to “share” your information when you log in).

Our exhibitors have booths set up and ready for you to visit. Use the app’s interactive floor plan to find your favorite exhibitors.

Look for instant notifications with the mobile app for important updates and messages.



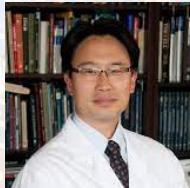
You can also visit our event website:
www.eventscribe.net/2021/SNO

Welcome to Boston!

Welcome to the great City of Boston for the 26th Annual Meeting of the Society for Neuro-Oncology! The SNO Annual Meeting plays a vital role in bridging the gap between neuro-oncology research



Priscilla Brastianos
Co-Chair



Albert H. Kim
Co-Chair



Farshad Nassiri
Co-Chair

and clinical practice, and we thrilled you have chosen to be a part of it!

The Annual Meeting will be held November 18-21, 2021, at the Hynes Convention Center in Boston.

SNO has been in close contact with the venue regarding appropriate safety measures we can take on-site. Ultimately, the health and safety of our registrants, partners and SNO staff remain our main concern. We will follow guidance and recommended safety measures from the Centers for Disease

Control and Prevention, the World Health Organization, and state and local officials throughout the event.

The theme of this year's meeting is *Bridge to the Future: Reimagining Bench to Bedside*, and we are pleased that an

outstanding group of plenary speakers will share their knowledge and insights, complimenting the invited lectures, panel discussions and accepted abstracts. Not to be missed is the Saturday evening Town Hall focusing on Improving Diversity in Clinical Trials!

In addition to the main meeting, the Education Day on November 18 will feature two distinct tracks of specialized content. The first track, organized by Daniel Orringer, Houtan Noushmehr and Susan Short, will focus on Biomarkers and Precision Design for Clinical Trials. The second track, organized by Maureen Daniels and Sandra K Johnston, will address multidisciplinary practice in neuro-oncology and reimagining care of patients with CNS cancers.

The SNO Annual Meeting is the world's largest neuro-oncology conference, attracting researchers and clinician scientists from around the world and spanning all neuro-oncology disciplines, professions, and interests.

Against this backdrop, we believe this year's SNO Annual Meeting will be an outstanding forum for networking and building lasting relationships with like-minded colleagues and collaborators.

Enjoy the meeting!

Society for Neuro-Oncology

Scientific Planning Committee

Priscilla Brastianos
Albert Kim
Farshad Nassiri

Education Day Chairs

Houtan Noushmehr
Daniel Orringer
Susan Short

Multidisciplinary Day Chairs

Maureen Daniels
Sandra Johnston

SNO Staff

Angie Ames
Megan Bell-Johnston
Tracy Harrell
Kristina Knight
Tara Mammoser
Caroline Noor
Shelley Pressley
MeLesa Ritterhouse
Ginger Vazquez
Teresa Warren

Travel Scholarship Recipients

Mikias Negussie
Karl Cristie Figuracion
Oluwademilade Nuga
Oluwaseun Akinduro
Mariacarmen Hernandez
Ahmed Doomi
J'ya Hunter
Oluwaseun Adegbite
Max Reed
Aldwin Soumare

2021 Volunteer Monitors

Juliana Larson
Ashish Dahal
Magali De Sauvage
Nazanin Ijad
Joana Mora

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Continuing Medical Education Information

26th Annual Meeting and Education Day of the Society for Neuro-Oncology

November 18 - 21, 2021



This activity is jointly provided by Global Education Group and Society for Neuro-Oncology

Target Audience

The educational design of this activity addresses the needs of Basic Science Researchers, Neuro-Oncologist, Neurosurgeons, Statisticians, Nurse Practitioners, Registered Nurses, Pharmacists, Allied Health Professionals involved in the treatment of patients with CNS tumors.

Statement of Need/Program Overview

The Society for Neuro-Oncology's Annual Meeting is the largest and most influential meeting for multidisciplinary collaboration in the field of Neuro-Oncology. The latest advances in Central Nervous System (CNS) cancers are shared with an international audience that includes a variety of sub-specialties involved in basic & translational research, clinical as well as symptom management research. The meeting fosters opportunities to explore collaborations that will positively influence outcomes for patients with CNS cancers. This activity will be a collaboration of researchers and clinicians disseminating new knowledge to healthcare professionals in order to provide the highest quality of patient care to improve patient outcomes. The goal is to provide healthcare professionals with updated viewpoints, strategies, collaboration opportunities and an increased knowledge base to maximize treatment and management of brain tumor patients.

This year's meeting will highlight the theme of Bridge to the Future: Reimagining Bench to Bedside. We are thrilled to share that an outstanding group of plenary speakers have been confirmed. As an adjunct to the main meeting, the Education Day on November 18 will feature two distinct tracks of specialized content. The first track, organized by Daniel Orringer, Houtan Noushmehr and Susan Short, will focus on Biomarkers and Precision Design for Clinical Trials. The second track, organized by Maureen Daniels and Sandra K Johnston, will address multidisciplinary practice in Neuro-Oncology and reimagining care of patients with CNS cancers. It is hoped that healthcare professionals will advance the treatment and management of CNS tumor patients.

The purpose of this conference is to provide those interested in the treatment and care of brain tumor patients with updated viewpoints and treatment strategies.

Educational Objectives

After completing this activity, the participant should be better able to:

- Discuss multidisciplinary treatment and diagnostic advances in the management of brain tumor patients.
- Recognize the need for rehabilitative management measures to address primary brain tumor symptoms and brain tumor treatment sequelae.
- Describe the use of the molecular landscape of gliomas for characterization of tumor makers and genetic risk factors.
- Identify molecular parameters in the classification of brain tumors.
- Identify advances in AI and novel imaging in the diagnosis and management of gliomas.
- Outline challenges in trial design, delivery, and treatment outcomes in CNS clinical trials.

Faculty

For a list of speakers, please [click here](#), or visit the SNO Annual Meeting website, www.eventscribe.net/2021/SNO.

Physician Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Global Education Group (Global) and Society for Neuro-Oncology. Global is accredited by the ACCME to provide continuing medical education for physicians.

Physician Credit Designation

Global Education Group designates this live activity for a maximum of 26 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity*.

Nursing Continuing Education

Global Education Group is accredited with distinction as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

This educational activity for 26 contact hours is provided by Global Education Group. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

CME Program Agenda

To view the CME program, please [click here](#), or visit the SNO Annual Meeting website, www.eventscribe.net/2021/SNO.

Instructions to Receive Credit

In order to receive credit for this activity, the participant must attend the live webinar sessions and complete the program evaluation.

Refund/Cancellation Policy

The deadline for cancellations with refund was Thursday, November 4, 2021. Cancellations must be received in writing and a \$50 cancellation fee will be assessed. Cancellations received after the deadline date cannot be refunded, but the meeting registration can be transferred to another person with written authorization.

Please note that your SNO membership must be current if you have chosen to register as a SNO member. SNO reserves the right to confirm that you have registered in the correct category.

The registrant is fully responsible for managing their own hotel reservation, including if they will now be participating remotely in the conference.

Email all cancellation and transfer requests to Program Registrar Caroline Noor, caroline@soc-neuro-onc.org.

Disclosure of Conflicts of Interest

Global Education Group (Global) adheres to the policies and guidelines, including the Standards for Integrity and Independence in Accredited CE, set forth to providers by the Accreditation Council for Continuing Medical Education (ACCME) and all other professional organizations, as applicable, stating those activities where continuing education credits are awarded must be balanced, independent, objective, and scientifically rigorous. All persons in a position to control the content of an accredited continuing education program provided by Global are required to disclose all financial relationships with any ineligible company within the past 24 months to Global. All financial relationships reported are identified as relevant and mitigated by Global in accordance with the Standards for Integrity

and Independence in Accredited CE in advance of delivery of the activity to learners. The content of this activity was vetted by Global to assure objectivity and that the activity is free of commercial bias.

All relevant financial relationships have been mitigated.

To view the disclosure list of all individuals in control of content for the program, please [click here](#), or visit the SNO Annual Meeting website, www.eventscribe.net/2021/SNO.

Disclosure of Unlabeled Use

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. Global Education Group (Global) and Society for Neuro-Oncology do not recommend the use of any agent outside of the labeled indications.

The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of any organization associated with this activity. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

Disclaimer

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed in this activity should not be used by clinicians without evaluation of patient conditions and possible contraindications on dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities.

Global Contact Information

For information about the accreditation of this program, please contact Global at 303-395-1782 or cme@globaleducationgroup.com.

Onsite Speaker Ready Room

For onsite participants, you will be able to submit your final slides at the meeting venue, no later than 4 hours prior to your presentation time. This version should be the version that was submitted for CME review (details above) with only grammatical and scientific updates.

Speaker Ready Room Hours:

- Wednesday, November 17 – 2:00pm – 6:00pm ET
- Thursday, November 18 – Saturday, November 20 – 6:00am – 6:00pm ET
- Sunday, November 21 – 6:00am – 11:00am ET

CLEAR Health Screening App Instructions

SNO is using the CLEAR Health Pass to provide you with a safe experience at the SNO Annual Meeting. With CLEAR's Health Pass feature, your COVID-19 health screening is quick, easy, and secure. We will be using CLEAR to verify your vaccination status and for a daily health screening. Please follow the directions below to obtain the CLEAR app and input your information prior to your arrival in Boston:

Code: EFATTENDEE26

App Link: <https://clear.app.link/EFAttendee26>

Instructions for Clear Health Pass

1. If you are viewing this on a mobile device, you can use this link to download the CLEAR mobile app. Alternatively, you can also download the CLEAR mobile app from the app store.
2. Tap on the white Health Pass tile, select "All other locations", and enter the code EFATTENDEE26.
3. Create an account by uploading a photo of a government-issued ID (such as a driver's license or passport) and snap a quick selfie to confirm your identity. Please use the same email address that you used to register for the SNO Annual Meeting.

Note: if you are already a CLEAR member, you can log in and verify with a selfie. If you have previously uploaded your vaccine details in CLEAR, they will carry over for this event.

4. To add your proof of vaccination, you can upload your CDC card (most popular method) or you can securely link to your vaccine provider or scan a SMART QR code. Check out this tutorial if you need help.
5. On the day of your arrival, complete the Daily Health Screening. Green means that you are good to go! Simply show your Health Pass on your device screen upon arrival and you may proceed to registration to pick up your badge.
6. Each day you will be required to show your Health Pass to enter the SNO Annual Meeting.

International Attendees

International attendees attending in Boston will need to:

- Be fully vaccinated with one of the 8 vaccines approved by the World Health Organization.
- Show proof of a negative PCR test taken within 72 hours of departure from their home country.

Independent Industry Symposia

Thursday

November 18, 2021 5:30pm – 7:30pm Room: 302
Tackling NF1 – Associated Tumors with Targeted Therapy Tackling NF1 Associated Tumors with Targeted Therapy: A Clinical Update and Case-Based Challenges for the Neuro-Oncology Specialist
Supported by CE Concepts through grant support of AstraZeneca.

Friday

November 19, 2021 at 12:45pm – 1:45pm Room: 313
Gene Expression Profiling Predicts Meningioma Biology, Outcomes, and Radiotherapy Responses
Supported by 10x Genomics.

November 19, 2021 at 12:45pm – 1:45pm Room: 302
ZAP-X Vault-Free, Cobalt-Free Radiosurgery: Clinical Experience at the Medstar Georgetown Cancer Institute
Supported by Zap Surgical.

November 19, 2021 at 12:45pm – 1:45pm Room: 312
GBM cases and debunking common misconceptions
Supported by Novocure.

Saturday

November 20, 2021 at 12:45pm – 1:45pm Room: 312
A New Wave of Progress in Glioblastoma: Expert Guidance on Delivering Modern Personalized Care With Tumor Treating Fields and Novel Systemic Approaches
This educational symposium is accredited by the Medical Learning Institute, Inc. This activity is developed with our educational partner, PVI, PeerView Institute for Medical Education. This activity is supported by an educational grant from Novocure, Inc. This CE activity has been developed in partnership with the American Brain Tumor Association.

November 20, 2021 at 12:45pm – 1:45pm Room: 311
A Physician-Led Presentation of Patient Cases of NF1 PN
Supported by AstraZeneca.

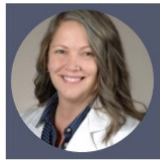
November 20, 2021 at 12:45pm – 1:45pm Room: 302
GammaTile Therapy: Surgically Targeted Radiation Therapy For Brain Tumors
Supported by GT Medical Technologies.

Twitter Ambassadors

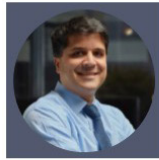
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Manish Aghi
@ManishKAghi



Terri Armstrong
@Tstrmstrong01



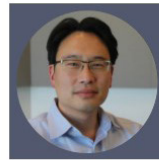
Ranjit Bindra
@ranjitbindra



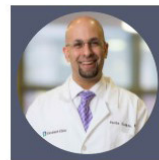
Shawn Hervey-Jumper
@HerveyJumper



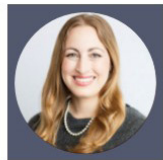
Norbert Galldiks
@galldiks



Albert Kim
@AlbertHKimMDPhD



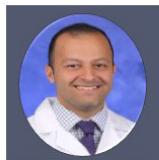
Justin Lathia
@JustinLathia



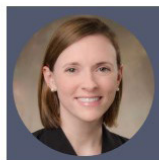
Michelle Monje
@michelle_monje



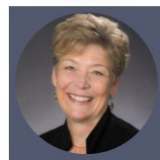
Wolfgang Wick
@wick_wolfgang



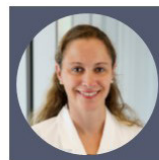
Ali Mansouri
@DrMansouri



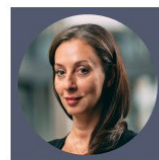
Jennie Taylor
@JennieWTaylor



Lynn Taylor
@neulpt



Monica Venere
@VenereLabOSU



Gelareh Zadeh
@gelarehzadeh



Award Recipients



Lifetime Achievement Award

Eric Bouffet

Friday, Nov. 19, 2021

2:30 PM-2:40 PM ET



Victor Levin Award

Timothy Cloughesy

Saturday, Nov. 20, 2021

2:30 PM – 3:00 PM ET



Jan Esenwein Award for Public Service

Nicole Willmarth

Saturday, Nov. 20, 2021

9:50 AM – 10:00 AM ET

Women in Neuro-Oncology Awards

The WiN. Mid-Career Exemplary Physician Award

Name: Priscilla Brastianos

Presentation Date: Friday, Nov. 20, 2021

Time: 5:30-7:00 PM

Award: The WiN. Mentorship Award

Name: Amy Heimberger

Presentation Date: Friday, Nov. 20, 2021

Time: 5:30-7:00 PM

WiN. Abstract Award for Basic Science/Translational Research

Name: Defne Bayik (Abstract Number: IMMU-21)

Presentation Title: Differential expression of adhesion molecules defines myeloid cell infiltration in glioblastoma and comprises a therapeutic target

Presentation Date: Saturday, November 20, 2021

Presentation Time: 11:55 AM – 12:00 PM ET

WiN. Abstract Award for Clinical Research

Name: Emma Nicklin (Abstract Number: QOLP-30)

Presentation Title: Long-term unmet supportive care needs of TYA childhood brain tumour survivors and their caregivers: a cross-sectional survey

Abstract Awards

Abstract Award for Excellence in Pediatric Basic Science
Supported by the National Brain Tumor Society

Name: Yuan Pan (Abstract Number: TAMI-69)

Presentation Title: NF1 mutation drives neuronal activity-dependent optic glioma initiation

Presentation Date: Saturday, November 20, 2021

Presentation Time: 9:20 AM – 9:30 AM ET

Abstract Award for Excellence in Adult Basic Science

Name: David D. Tran (Abstract Number: EXTH-51)

Presentation Title: Development of a novel gene therapy approach targeting glioblastoma following artificial

Intelligence (AI)-directed identification of the GBM state

Presentation Date: Sunday, November 21, 2021

Presentation Time: 10:45 AM – 10:55 AM ET

Abstract Award for Excellence in Adult Basic Science

Name: Dena Panovska (Abstract Number: EXTH-20)

Presentation Title: Single-cell drug activity mapping in glioblastoma identifies extended drug response heterogeneity and therapy-induced cellular plasticity

Presentation Date: Sunday, November 21, 2021

Presentation Time: 11:35 AM – 11:45 AM ET

Abstract Award for Excellence in Adult Basic Science

Supported by the Sontag Foundation

Name: Varun Venkataramani (Abstract Number: TAMI-52)

Presentation Title: Neuronal mechanisms of brain tumor invasion

Presentation Date: Friday, November 19, 2021

Presentation Time: 9:50 AM – 10:00 AM ET

Abstract Award for Excellence in CNS Metastases

Name: Philipp Karschnia (Abstract Number: TAMI-02)

Presentation Title: Depletion of intratumoral tumor-associated macrophages and microglia (TAM/M) improves checkpoint-inhibition therapy for brain metastasis from lung cancer

Presentation Date: Friday, November 19, 2021

Presentation Time: 3:45 PM – 3:55 PM ET

Abstract Award for Excellence in CNS Metastases

Supported by the American Brain Tumor Association

Name: Christopher Alvarez-Breckenridge (Ab. No: IMMU-02)

Presentation Title: Genomic and transcriptomic correlates of immunotherapy response within the tumor microenvironment of leptomeningeal metastases

Presentation Date: Friday, November 19, 2021

Presentation Time: 9:40 AM – 9:50 AM ET

Andrew Parsa Young Investigator Award
Name: Gilles Berger (Abstract Number: EXTH-81)
Presentation Title: STING activation promotes robust immune response and tumor regression in glioblastoma models
Presentation Date: Sunday, November 21, 2021
Presentation Time: 11:15 AM – 11:25 AM ET

Abstract Award for Excellence in Radiation
Name: Roman O. Kowalchuk (Abstract Number: RADT-10)
Presentation Title: Development and internal validation of a predictive score for vertebral compression fracture after stereotactic body radiation therapy for spinal metastases
Presentation Date: Sunday, November 21, 2021
Presentation Time: 9:20 AM – 9:30 AM ET

Abstract Award for Excellence in Surgery
Name: Clark C. Chen (Abstract Number: SURG-05)
Presentation Title: $\alpha 5\beta 1$ integrin targeting liposome delivery of miR-603 suppressed glioblastoma stem cell state and enhanced radiation sensitivity
Presentation Date: Sunday, November 21, 2021
Presentation Time: 9:10 AM – 9:20 AM ET

Abstract Award for Excellence in CNS Rare Disease
Name: Yohei Miyake (Abstract Number: EXTH-73)
Presentation Title: Proteasome inhibition exposes selective vulnerability in central nervous system lymphoma
Presentation Date: Sunday, November 21, 2021
Presentation Time: 9:30 AM – 9:40 AM ET

Abstract Award for Excellence in CNS Rare Disease
Name: Marta Penas-Prado (Abstract Number: CTIM-32)
Presentation Title: Immune checkpoint inhibitor nivolumab in people with recurrent select rare CNS cancers: results of interim analysis in a heavily pretreated cohort
Presentation Date: Sunday, November 21, 2021
Presentation Time: 9:40 AM – 9:50 AM ET

Abstract Award for Excellence in Pathology
Name: Frederick S. Varn (Abstract Number: EPCO-09)
Presentation Title: Longitudinal analysis of diffuse glioma reveals cell state dynamics at recurrence associated with changes in genetics and the microenvironment
Presentation Date: Saturday, November 20, 2021
Presentation Time: 4:25 PM – 4:35 PM ET

Abstract Award for Excellence in Clinical Trials
Name: Patrick Y. Wen & E. Antonio Chiocca (Ab. No: CTIM-13)
Presentation Title: Phase 1 Clinical Trial of Oncolytic Viral Immunotherapy with CAN-2409 + Valacyclovir in Combination with Nivolumab and Standard of Care (SOC) in Newly Diagnosed High-Grade Glioma (HGG)
Presentation Date: Friday, November 19, 2021
Presentation Time: 3:45 PM – 3:55 PM ET

Abstract Award for Excellence in Clinical Trials
Name: John H. Sampson (Abstract Number: CTIM-28)
Presentation Title: MDNA55, an interleukin- γ 4 receptor targeted immunotherapy, for recurrent GBM delivered by Convection Enhanced Delivery (CED)
Presentation Date: Friday, November 19, 2021
Presentation Time: 4:35 PM – 4:45 PM ET

Marit Mary Swenson Award for Pediatric DMG/DIPG
Name: Robert Siddaway (Abstract Number: EPCO-16)
Presentation Title: Oncohistone interactome profiling uncovers mechanisms of chromatin disruption and identifies potential therapeutic targets in pediatric high-grade glioma
Presentation Date: Saturday, November 20, 2021
Presentation Time: 9:40 AM – 9:50 AM ET

Abstract Award for Excellence in Neuro-Imaging
Name: Anahita Fathi Kazerooni (Abstract Number: NIMG-52)
Presentation Title: Radiogenomics signatures in key driver genes in glioblastoma evaluated with and without the presence of co-occurring mutations
Presentation Date: Sunday, November 21, 2021
Presentation Time: 9:10 AM – 9:20 AM ET

Abstract Award for Excellence in Survivorship
Name: Heather Leeper (Abstract Number: QOLP-19)
Presentation Title: Financial Toxicity and Distress During the COVID-19 Pandemic in People Living with Primary Brain Tumors
Presentation Date: Saturday, November 20, 2021
Presentation Time: 3:45 PM – 3:55 PM ET

Ancillary & Committee Meetings

Thursday, November 18, 2021

Time	Function	Room
11:30 AM – 1:00 PM	Brain Tumor Nonprofit Leadership Meeting	300
11:00 AM – 1:00 PM	NBTS, TDG Investigators	309
1:00 PM – 5:30 PM	Fellow and Early Clinician/Investigator Career Retreat Reception <i>Pre-registration is required</i>	Ballroom B
12:00 PM – 3:00 PM	Glass Consortium Meeting	310
3:30 PM – 4:00 PM	CNS Clinical Trials Leadership Meeting	300
4:00 PM – 5:00 PM	External Relations Committee	300
5:30 PM – 6:30 PM	Allied Health Networking Reception	Ballroom A
6:00 PM – 7:00 PM	Career Development Networking Reception <i>Pre-registration is required</i>	304-306
6:00 PM – 7:30 PM	SNO Board of Directors	300

Friday, November 19, 2021

Time	Function	Room
7:00 AM – 9:00 AM	SDP Oncology	313
7:45 AM – 8:45 AM	CV Review	300 Alcove
8:00 AM – 9:00 AM	Leaders Mentorship Committee	300
12:45 PM – 1:45 PM	Istari Oncology Investigator Meeting	310
12:45 PM – 1:45 PM	Methylation Classifier Consortium	208
1:00 PM – 2:00 PM	SNO Guidelines Committee	300
2:30 PM – 3:30 PM	Nursing and Survivorship Track	300
4:00 PM – 4:30 PM	Ad Hoc Diversity Committee	300
5:00 PM – 7:00 PM	Novocure Corporate Update	313
5:30 PM – 7:00 PM	Women and Diversity Session	304
7:00 PM – 9:00 PM	OurBrainBank Update	310
7:30 PM – 8:30 PM	Fellowship Program Directors Meeting	300

Saturday, November 20, 2021

Time	Function	Room
7:45 AM – 8:45 AM	CV Review	300 Alcove
12:45 PM – 1:45 PM	xCures	309
12:45 PM – 1:45 PM	ICOM Meeting	207
3:30 PM – 4:30 PM	Clinical Trials Scholarship Workshop and LMIC Discussion	300

Sunday, November 21, 2021

Time	Function	Room
7:30 AM – 8:30 AM	iRANO Session	310

Exhibitors and Supporters

Meeting Exhibitors

10x Genomics
Accuray
American Brain Tumor Association
Arbor Pharmaceuticals
AstraZeneca
AstraZeneca - Medical Affairs
Bayer
Biocept
Brain Tumor Network
Brainlab
BTG Speciality
Candel Therapeutics
Caris Life Sciences
CERN Foundation at NBTS
Chimerix
ClearPoint Neuro, Inc.
Design for Vision, Inc.
Elekta
Focused Ultrasound Foundation
GT Medical Technologies
KIYATEC, Inc.
Medtronic Inc.
Monteris Medical
National Brain Tumor Society
NICO Corporation
Norton Healthcare
Novocure
Novocure Medical Affairs
NX Development Corp
Orbus Therapeutics
OurBrainBank
Pyramid Biosciences
Renishaw Neuro Solutions
Rosman Search
Seagen
SonALAsense
Stemline
The Sontag Foundation
University of Florida
Varian, a Siemens Healthineers company
Zap Surgical

Platinum Level

American Brain Tumor Association
AstraZeneca
Chimerix
National Brain Tumor Society
Novocure
The Sontag Foundation

Benefactor Level

Bristol-Myers Squibb
Orbus Therapeutics

Supporter Level

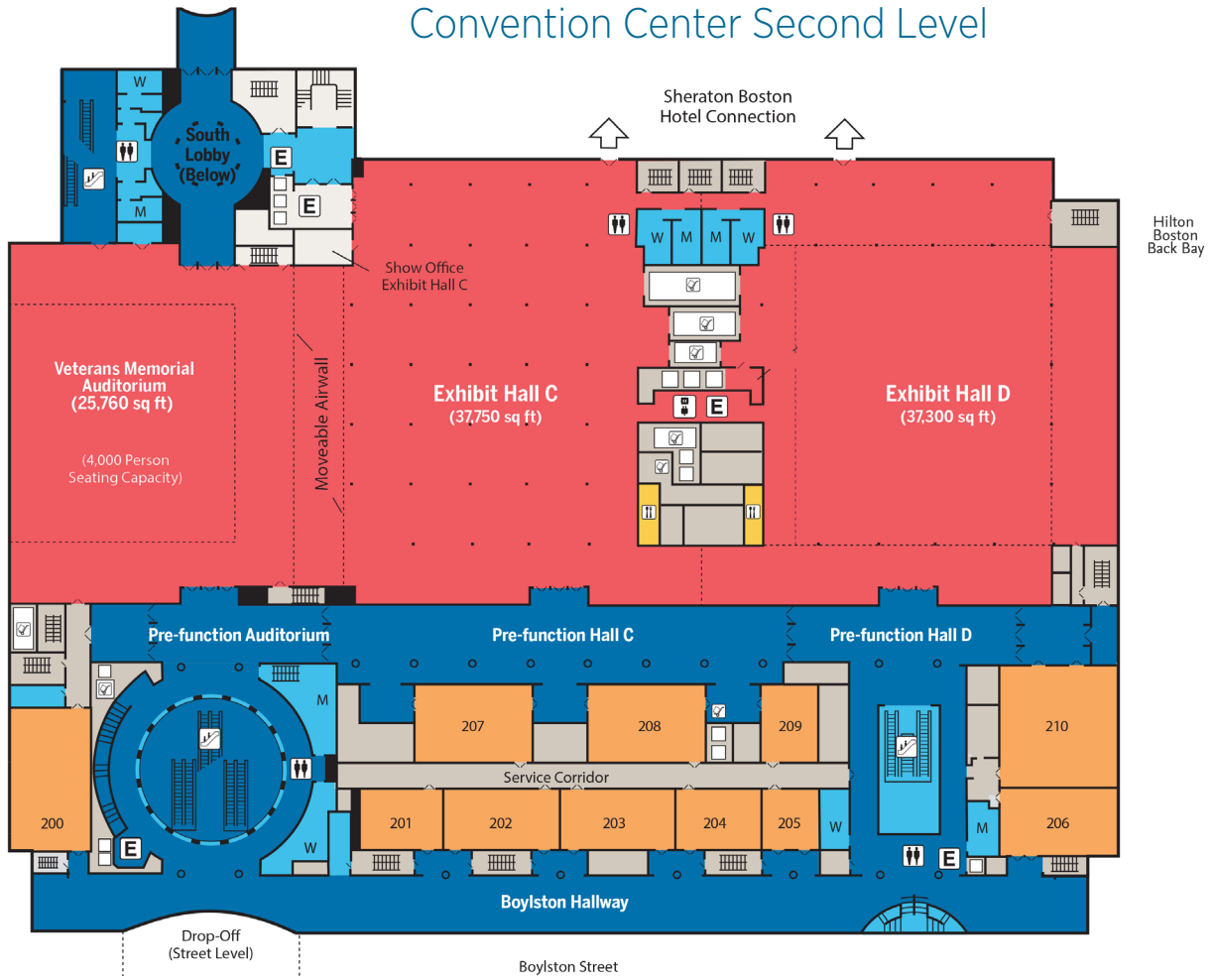
Bayer
DNAtrix
Illumina
SonALAsense

Contributor Level

10x Genomics
Beigene
Denovo Biopharma
Eisai
Kazia Therapeutics
Monteris Medical
Nationwide Children's Hospital
Northwest Biotherapeutics
Pyramid Biosciences
SDP Oncology



Convention Center Second Level



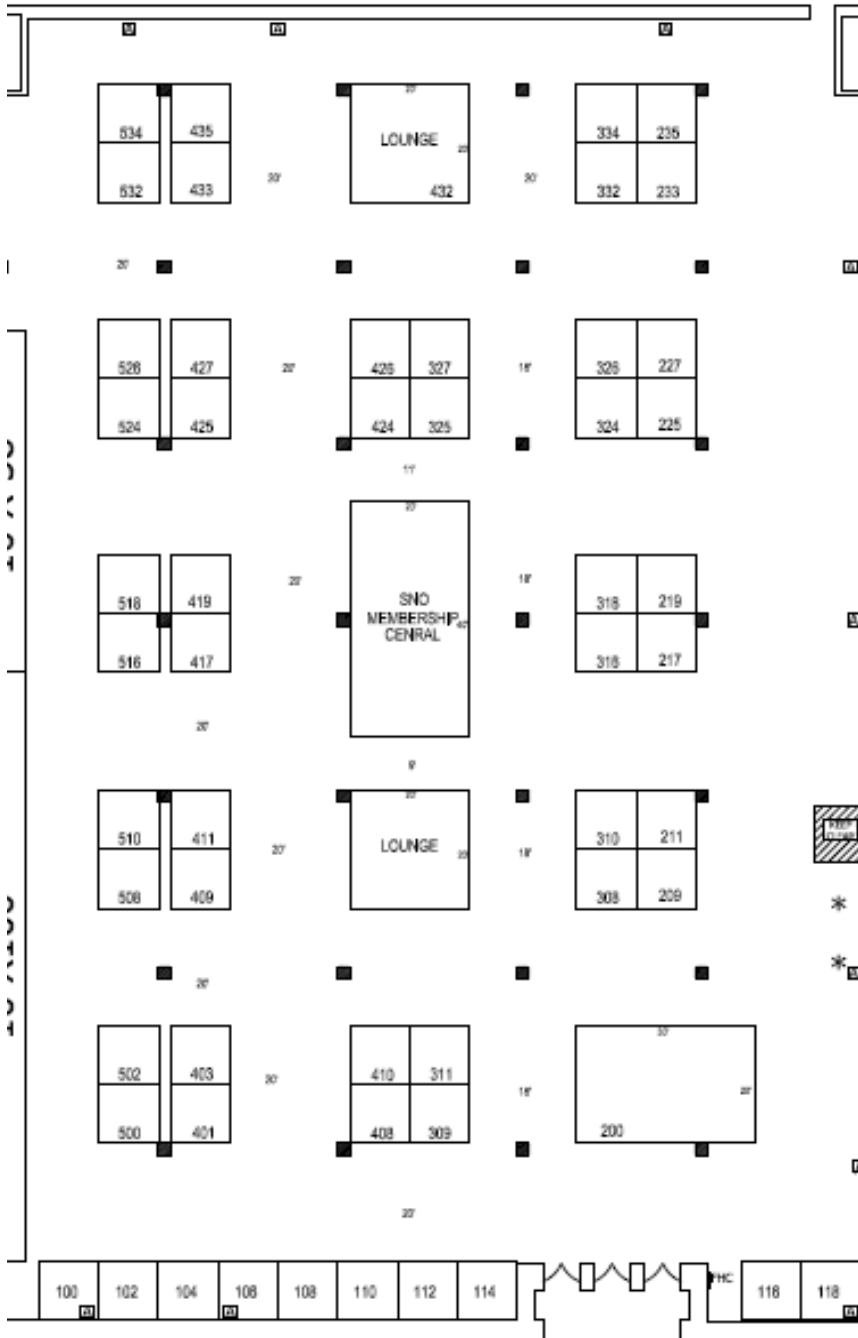
Convention Center Third Level



Exhibitor Map

Company Booth Number

10x Genomics	524
Accuray	211
American Brain Tumor Association	316
Arbor Pharmaceuticals	106
Astrazeneca (Commercial)	424, 325
AstraZeneca (Medical Affairs)	217
Bayer	325
Biocept	303
Brain Tumor Network	308
Brainlab	104
BTG Speciality	403
Caris Life Sciences	500
CERN Foundation at NBTS	409
Chimerix	516, 417
ClearPoint Neuro, Inc.	233, 235
Design for Vision, Inc.	108
Elekta	114
Focused Ultrasound Foundation	518
GT Medical Technologies	327
Head for the Cure	102
KIYATEC, Inc.	402
Medtronic Inc.	425
Monteris Medical	324
National Brain Tumor Society	411
NICO Corporation	209
Norton Healthcare	502
Novocure	200
Novocure Medical Affairs	200
NX Development Corp	219
Orbus Therapeutics	318
OurBrainBank	333
Pyramid Biosciences	401
Renishaw Neuro Solutions	112
Rosman Search	433
Seagen	425
SonALAsense,	404, 301
Stemline	110
The Sontag Foundation	310
University of Florida	419
Varian	225
Zap Surgical	427



Education Day

Thursday, November 18, 2021

Pre-meeting registration at the Hynes Convention Center opens on Wednesday, November 17, from 4:00 PM to 6:30 PM)

Biomarkers Chairs: Houtan Noushmehr, Susan Short, Daniel Orringer
 Multidisciplinary Practice Chairs: Maureen Daniels, Sandra Johnston

Registration Open (7:00 AM - 7:30 PM)

8:00 AM - 10:00 AM


Education Day Session I: Biomarkers (Main Auditorium) 

Education Day Session II: Multidisciplinary Practice (Ballroom A) 

Break (10:00 AM - 10:20 AM)

10:20 AM - 11:40 AM

Education Day Session I: Biomarkers (Main Auditorium) 

Education Day Session II: Multidisciplinary Practice (Ballroom A) 

Ticketed Lunch Pick Up (11:40 AM - 11:55 AM)

11:55 AM - 12:55 PM

Joint Lunch Session: Ethical Considerations in Biomarker Studies in Neuro-Oncology

1:00 PM - 2:50 PM

Education Day Session I: Biomarkers (Main Auditorium) 

Education Day Session II: Multidisciplinary Practice (Ballroom A) 


Break (2:50 PM - 3:10 PM)

3:10 PM - 5:15 PM

Education Day Session I: Biomarkers (Main Auditorium) 

3:10 PM - 5:00 PM

Education Day Session II: Multidisciplinary Practice (Ballroom A) 

1:00 PM - 5:30 PM Fellow and Early Career Retreat (Ballroom B) 


5:30 PM - 6:30 PM Allied Health Networking Reception (Ballroom A) 

5:30 PM - 7:00 PM (Room 302) 

Independent Satellite Session: Tackling NF1 Associated Tumors with Targeted Therapy: A Clinical Update and Case-Based Challenges for the Neuro-Oncology Specialist
 Supported by CE Concepts through grant support of AstraZeneca.

6:00 PM - 7:00 PM (Room 304-306) 

Young Investigator's Career Development and Networking Reception

7:30 PM - 10:00 PM (Boylston Hallway) 

SNO Welcome Reception

Main Scientific Meeting

Friday, November 19, 2021

Registration (6:00 AM - 7:30 PM)

7:15 AM - 8:45 AM

CONCURRENT SESSIONS

Synaptic Input to Brain Tumors: Clinical Implications (*Main Auditorium*) 

AAN/SNO: Preserving Neurological Function in Brain Tumor Patients: An Evidence-Based Approach (*Ballroom A*) 

Harnessing Metabolic Vulnerabilities in Gliomas to Enhance Therapeutic Efficacy (*Ballroom C*) 

CV Review (7:45 AM - 8:45 AM, Room 300 Alcove) 

Break (8:45 AM - 9:00 AM)


9:00 AM - 10:30 AM

PLENARY I (*Main Auditorium*)


9:10 AM - 9:40 AM

Keynote Presentation: Genome Editing 
Liu D

9:40 AM - 9:50 AM

Genomic and transcriptomic correlates of immunotherapy response within the tumor microenvironment of leptomeningeal metastases 
Alvarez-Breckenridge C

9:50 AM - 10:00 AM

Neuronal mechanisms of brain tumor invasion 
Venkataramani V

10:00 AM - 10:30 AM

Keynote Presentation: Geonomics & Cancer - Where it was and Where it's Going? 
Getz G

Break (10:30 AM - 10:45 AM)

10:45 AM - 12:15 PM

CONCURRENT SESSIONS

Updates on the Treatment of Primary Central Nervous System Lymphoma (*Main Auditorium*) 

Abstracts: Basic Science I (*Ballroom C*) 

Abstracts: Pediatrics I (*Room 207*) 

Using External Patient-Level Data to Inform Adaptive Clinical Trial Design (*Ballroom B*) 

Ticketed Lunch Pick Up (12:15 PM - 12:45 PM)

12:45 PM - 1:45 PM


LUNCHTIME SESSIONS

Low Grade Glioma in the Adolescent/Young Adult Population: Molecular Landscape and Precision Medicine-Based Therapeutic Approaches (*Main Auditorium*) 

Clinical Advances in CNS Metastases (*Ballroom A*) 

Nanotechnology-Enabled Precision Medicines - Designing New Approaches for Brain Tumor Imaging and Treatment (*Ballroom B*) 

LUNCHTIME INDEPENDENT SYMPOSIUM SESSIONS

Gene Expression Profiling Predicts Meningioma Biology, Outcomes, and Radiotherapy Responses (Room 313)
Supported by 10x Genomics. 

ZAP-X Vault-Free, Cobalt-Free Radiosurgery: Clinical Experience at the Medstar Georgetown Cancer Institute (Room 302)
Supported by Zap Surgical. 

Overheard in Clinic: Learn more about Tumor Treating Fields (TTFields) (Room 312) 
Supported by Novocure.

Break (1:45 PM – 2:00 PM)

2:00 PM - 3:33 PM

PLENARY II (Main Auditorium)

2:00 PM - 2:30 PM	Keynote Presentation: The 2021 WHO Classification of CNS Tumors  Louis D
2:30 PM - 2:40 PM	Lifetime Achievement Award  Bouffet E
2:40 PM - 3:10 PM	Keynote Presentation: Unlocking the Immunological Door  Iwasaki A
3:10 PM - 3:23 PM	Late Breaking Abstract: Mutant IDH Inhibitors Induce Lineage Differentiation in IDH-mutant Oligodendroglioma  Spitzer A
3:23 PM - 3:33 PM	A randomized phase 3 study of nivolumab or placebo combined with radiotherapy plus temozolomide in patients with newly diagnosed glioblastoma with methylated MGMT promoter: CheckMate 548  Weller M

Break (3:33 PM - 3:45 PM)

3:45 PM - 5:15 PM

CONCURRENT SESSIONS

Novel Imaging Strategies (Main Auditorium) 
Abstracts: Clinical Trials I (Ballroom C) 
Abstract Session: CNS Metastases (Room 208) 
Brain Tumor Epigenetics: Heterogeneity and Translational Opportunities (Ballroom B) 

5:30 PM - 7:00 PM

WOMEN AND DIVERSITY SESSION (Room 304) 

5:30 PM - 5:35 PM	Welcome and Introduction Chukwueke U
5:35 PM - 6:05 PM	Structural Equity: Lessons from 2020 Betancourt J
6:05 PM - 6:15 PM	Q&A
6:15 PM - 6:45 PM	Women in NeuroOncology Award Presentations and Remarks Peters K, Brastianos P, Heimberger A
6:45 PM - 6:50 PM	Women and Diversity Committee Travel Award Presentation Hervey-Jumper S
6:50 PM - 7:00 PM	Summary of Committee Activities Porter A

7:30 PM - 9:30 PM

POSTER SESSION (Exhibit Hall D) 

Saturday, November 20, 2021

Registration (6:00 AM - 6:00 PM)

7:15 AM - 8:45 AM



CONCURRENT SESSIONS

Precision Medicine for Primary Brain Tumors (*Main Auditorium*)  CME LIVE
STREAMInnate and Perturbed Immune Responsiveness in Human Brain Tumor Microenvironment (*Ballroom B*)  NON
CMEMulti-Disciplinary Treatment of Spine Metastases (*Room 207*)  NON
CMECV Review (7:45 AM - 8:45 AM, Room 300 Alcove)  NON
CME

Break (8:45 AM - 9:00 AM)

9:00 AM - 10:30 AM

PLENARY III (*Main Auditorium*)

9:00 AM - 9:05 AM	Welcome and Introduction  NON CME  CME LIVE STREAM
9:05 AM - 9:20 AM	Presidential Address  NON CME  CME LIVE STREAM
9:20 AM - 9:27 AM	SNO Announcements  NON CME  CME LIVE STREAM
9:27 AM - 9:37 AM	NF1 mutation drives neuronal activity-dependent optic glioma initiation  CME LIVE STREAM
9:37 AM - 9:50 AM	Late Breaking Abstract: Clinical Efficacy of ONC201 in Recurrent H3 K27M-Mutant Diffuse Midline Glioma Patients  CME LIVE STREAM
9:50 AM - 10:00 AM	Jan Esenwein Public Service Award  CME LIVE STREAM
10:00 AM - 10:30 AM	Keynote Presentation: CAR T Cell Therapy for Glioblastoma: Promise and Challenges  CME LIVE STREAM

Break (10:30 AM - 10:45 AM)

10:45 AM - 12:15 PM





CONCURRENT SESSIONS

Microglia/Macrophages and Gliomas (*Main Auditorium*)  CME LIVE
STREAMAbstracts: Basic Science II (*Room 208*)  NON
CMEAbstracts: Clinical Trials II (*Ballroom C*)  NON
CMEAdvances in DIPG and other Diffuse Midline Gliomas (*Ballroom A*)  CME




Ticketed Lunch Pick Up (12:15 PM - 12:45 PM)

12:45 PM - 1:45 PM

LUNCHTIME SESSIONS

- The Versatile Role of Advanced Practice Providers in Neuro-Oncology (Main Auditorium)   STREAM
- Pituitary Tumors: Current and Future (Ballroom A) 
- Redefining Cancer Stem Cells in Glioma (Ballroom B) 













LUNCHTIME INDEPENDENT SYMPOSIUM SESSIONS

- A New Wave of Progress in Glioblastoma: Expert Guidance on Delivering Modern Personalized Care with Tumor Treating Fields and Novel Systemic Approaches** (Room 312) 
This educational symposium is accredited by the Medical Learning Institute, Inc.
This activity is developed with our educational partner, PVI, PeerView Institute for Medical Education.
This activity is supported by an educational grant from Novocure, Inc.
This CE activity has been developed in partnership with the American Brain Tumor Association.
**Please note that this session is not part of the overall CME hours jointly provided by Global Education Group and the Society for Neuro-Oncology.*
- A Physician-Led Presentation of Patient Cases of NF1 PN** (Room 311) 
Supported by AstraZeneca.
- GammaTile Therapy: Surgically Targeted Radiation Therapy for Brain Tumors** (Room 302)
Supported by GT Medical Technologies. 

Break (1:45 PM - 2:00 PM)

2:00 PM - 3:33 PM

PLENARY IV (Main Auditorium)

- | | | |
|-------------------|--|--|
| 2:00 PM - 2:30 PM | Keynote Presentation: The Tumor Microenvironment in IDH Mutant Gliomas 
Castro M | |
| 2:30 PM - 2:35 PM | Victor Levin Award Introduction   STREAM
Zadeh Z |  STREAM |
| 2:35 PM - 3:00 PM | Victor Levin Award Lecture   STREAM
Cloughesy T | |
| 3:00 PM - 3:13 PM | Late Breaking Abstract: A Clinically Applicable Integrative Molecular Classification of Meningiomas   STREAM
Nassiri F | |
| 3:13 PM - 3:23 PM | Inherited polymorphism in chromosome 8q24 cooperates with mutant IDH1, Trp53 and ATRX loss to induce low-grade glioma   STREAM
Schramek D | |
| 3:23 PM - 3:33 PM | B cell-vaccine elicits long term immunity against glioblastoma via activation and differentiation of tumor-specific CD8+ memory T cells   STREAM
Hou D | |

Break (3:33 PM - 3:45 PM)

3:45 PM - 5:15 PM

CONCURRENT SESSIONS



- Viruses and Vaccines Meet Our Exhibitors (Main Auditorium)   STREAM
- Abstracts: Molecular Pathology (Room 207) 
- Abstracts: Survivorship (Room 208) 
- Artificial Intelligence and Neuro-Oncology Imaging (Ballroom A) 

6:00 PM – 7:30 PM

TOWN HALL *(Main Auditorium)*

Session I: The Fred Gentili Story: When the Physician Becomes the Patient (6:00 PM - 6:15 PM)  **LIVE** 
STREAM

Session II: Eliminating Health Disparities in Neuro-Oncology (6:15 PM - 7:30 PM)  **LIVE** 
STREAM

6:15 PM - 6:30 PM **SNO 2020 diversity survey: defining demographics, racial biases, career success metrics and a path forward for the field of neuro-oncology**  **LIVE** 
Chukwueke U STREAM

6:30 PM - 6:45 PM **Strategies to enhance diversity within the professional arena**  **LIVE** 
Thomas C STREAM

6:45 PM - 7:00 PM **Review of system wide efforts to combat structural racism and improve health care outcomes**  **LIVE** 
Lathan C STREAM

7:00 PM - 7:15 PM **Challenge of recruitment of racial/ethnic minorities and underserved populations**
Winkfield K

7:15 PM - 7:30 PM **Panel Discussion and Q&A**  **LIVE** 
STREAM  **LIVE** 
STREAM

SNO Gala (7:30 PM - 10:30 PM) Boston Public Library (Ticket Required)

Sunday, November 21, 2021

Registration (7:00 AM - 10:45 AM)

7:45 AM - 8:30 AM

PLENARY V (Main Auditorium)


7:45 AM - 7:50 AM

Welcome and Introduction 
Brastianos P, Kim A, Nassiri F

7:50 AM - 8:00 AM

Oncohistone interactome profiling uncovers mechanisms of chromatin disruption and identifies potential therapeutic targets in pediatric high-grade glioma
Siddaway R

8:00 AM - 8:30 AM

Keynote Presentation: Deciphering treatment resistance in glioma
Verhaak R 



Break (8:30 AM - 9:00 AM)

8:30 AM - 10:30 AM

CONCURRENT SESSION

Single Cell Sequencing (Ballroom A) 

9:00 AM - 10:30 AM

CONCURRENT SESSIONS

Brain Metastasis Biology: Harnessing Basic Science to Improve Patient Care (Main Auditorium) 

Abstracts: Neuroimaging (Room 207) 

Abstracts: Surgery/Rare Disease/Radiation (Room 208) 

Meningioma Session (Ballroom A) 

Break (10:30 AM - 10:45 AM)

10:45 AM - 12:15 PM

CONCURRENT SESSIONS

Big Data, Small Sample Sizes: Clinical Prognostic Models and Challenges (Main Auditorium) 

Abstracts: Basic Science III (Room 208) 

Abstracts: Pediatrics II (Room 207) 

Emerging Technologies in Radiation Science (Ballroom C) 

New Views on Glioma Cell Invasion and Tumor Host Interactions (Room 304) 

Closing Remarks

The Society for Neuro-Oncology thanks the following organizations for their support of SNO and the 2021 Annual Meeting

Platinum Level



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Contributor Level

