



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

400 West Hall - 2nd Floor [Indicated in Red Below]





**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Keynote Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

Day	Time	Photo	Presenter
16.04.2026 (Thursday)	07:30 AM - 08:30 AM	TBD	TBD
16.04.2026 (Thursday)	12:00 PM - 01:00 PM		Dr. Jonathan Thomas (CIRM)
16.04.2026 (Thursday)	05:30 PM - 06:30 PM		Toby Gad
17.04.2026 (Friday)	07:30 AM - 08:30 AM	TBD	TBD
17.04.2026 (Friday)	12:00 PM - 01:00 PM		Dr. Kimberly Budil
18.04.2026 (Saturday)	07:30 AM - 08:30 AM	TBD	TBD
18.04.2026 (Saturday)	12:00 PM - 01:00 PM		Prof. Sudof



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18.04.2026 (Saturday)	05:30 PM - 06:30 PM		Dr Richard Burt
			Dr Denis Fedorenko
			Dr Lawrence Steinman
19.04.2026 (Sunday)	07:30 AM - 08:30 AM		Dr. Jonathan Lunine
19.04.2026 (Sunday)	12:00 PM - 01:00 PM		Dr. Qifa Zhou



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Scientific Program Schedule

Program Layout



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

07:00 AM - 07:30 AM	Opening and Registration
07:30 AM - 08:30 AM	Keynotes, General Sessions
08:30 AM - 10:00 AM	Session 1
10:00 AM - 10:30 AM	Break and Networking
10:30 AM - 12:00 PM	Session 2
12:00 PM - 01:30 PM	Keynotes, Lunch and Networking
01:30 PM - 03:00 PM	Session 3
03:00 PM - 04:00 PM	Industry Exhibit, Break and Networking
04:00 PM - 05:30 PM	Session 4



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
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Scientific Program Schedule

Alzheimer's Disease and Dementia Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Alzheimer's Disease and Dementia Consortium - Room 406 A	
Chairs : Christopher Wheeler, PhD; George Perry, PhD; Giulio Pasinetti, MD, PhD; Rudolph Castellani, MD	
Fellows : Sushil Poudel, MBBS ; Melika Javani, MD	
Interns : Margaret Willis	
ALZ 5/B : Friday, April 17, 2026 [08:30 AM - 10:00 AM]	
Technological Innovations in Neurodegenerative Research	
	<p>Giulio Pasinetti, MD, PhD Saunders Family Chair and Professor of Neurology; Professor of Psychiatry; Professor of Geriatrics and Adult Development; Director, Integrative Neuroscience Research and Training Program <i>Icahn School of Medicine at Mount Sinai; James J. Peters Veterans Affairs Medical Center, New York (USA)</i></p>
Amyloid Alpha : The Neglected Cousin of Amyloid Beta	
08:30 AM - 09:00 AM [Featured Speaker]	<p>Jevgenij Raskatov, PhD Professor of Chemistry and Biochemistry <i>University of California, Santa Cruz, Santa Cruz, California (USA)</i></p>
Beyond Academia : Tackling Prevention and Potential Treatment of Alzheimer's Disease with Non-Invasive Brain Stimulation	
09:00 AM - 09:15 AM	<p>Ngoc Mai Nguyen, PhD Chief Executive Officer <i>Optoceutics (USA)</i></p>
Integrating leading-edge Computational, Neuroimaging and Engineering Approaches to overcome Challenges in Precision Psychiatry and Neurology	
09:15 AM - 09:30 AM	<p>Hadi Hosseini, PhD Associate Professor of Psychiatry and Behavioral Sciences <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
PET Imaging of Brain Lipid Metabolism: Towards Early Detection of Neuroinflammation	
09:30 AM - 09:45 AM	<p>Marlon Vincent Duro, PhD Postdoctoral Scholar - Research Associate, Department of Radiology <i>Keck School of Medicine of USC, California (USA)</i></p>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



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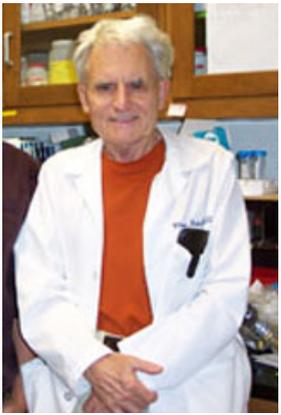
Scientific Program Schedule

ANC SBMT 2026 : Alzheimer's Disease and Dementia Consortium - Room 406 A	
Chairs : Christopher Wheeler, PhD; George Perry, PhD; Giulio Pasinetti, MD, PhD; Rudolph Castellani, MD	
Fellows : Sushil Poudel, MBBS ; Melika Javani, MD	
Interns : Margaret Willis	
ALZ 6/B : Friday, April 17, 2026 [10:30 AM - 12:00 PM]	
Exploring the Links Between Traumatic Brain Injury (TBI) and Neurodegenerative Diseases	
	<p>Rudolph Castellani, MD Professor of Pathology <i>Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i></p>
Are Military Service Members at Risk for Chronic Traumatic Encephalopathy or Alzheimer's Disease?	
10:30 AM - 10:45 AM	<p>Rudolph Castellani, MD Professor of Pathology <i>Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i></p>
Alzheimer's Disease vs Chronic Traumatic Encephalopathy in a Former NFL Athlete	
10:45 AM - 11:00 AM	<p>Pouya Jamshidi, MD Assistant Professor of Neurological Surgery <i>Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i></p>
Cerebral Vasomotor Deficits related to APOE4 and Cognitive Impairment	
11:00 AM - 11:15 AM	<p>Daniel Nation, PhD Professor of Gerontology and Medicine <i>Leonard Davis School of Gerontology; Keck School of Medicine, University of Southern California, Los Angeles, California (USA)</i></p>
11:15 AM - 12:00 PM	Panel Discussion - Q & A



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ANC SBMT 2026 : Alzheimer's Disease and Dementia Consortium - Room 406 A	
Chairs : Christopher Wheeler, PhD; George Perry, PhD; Giulio Pasinetti, MD, PhD; Rudolph Castellani, MD	
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Interns : Margaret Willis	
ALZ 8/B : Friday, April 17, 2026 [04:00 PM - 05:30 PM]	
Immunotherapies of Alzheimer's Disease	
	<p>Milan Fiala, MD Clinical Professor of Medicine (Infectious Diseases) <i>David Geffen School of Medicine at UCLA, Los Angeles, California (USA)</i></p>
Immunotherapies of Alzheimer's Disease	
04:00 PM - 04:15 PM	<p>Milan Fiala, MD Clinical Professor of Medicine (Infectious Diseases) <i>David Geffen School of Medicine at UCLA, Los Angeles, California (USA)</i></p>
Blood CD8 T cells as biomarker for Alzheimer's and related mild cognitive impairment (MCI)	
04:15 PM - 04:30 PM	<p>Christopher Wheeler, PhD Senior Research Scientist; Chief Science Officer; President <i>Santa Barbara Medical Innovations Group; T-NeuroDx; Ortega NeuroTherapeutics; StemVax Therapeutics (USA)</i></p>
What Controls Brain Aging - and Can We Change It?	
04:30 PM - 04:45 PM	<p>Gregory Cole, PhD Professor; Departments of Neurology and Medicine <i>University of California, Los Angeles (USA)</i></p>
04:45 PM - 05:30 PM	Panel Discussion - Q & A



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Room 406 A : ALZ 11/C Saturday, April 18, 2026 [11:15 AM - 12:00 PM] ANC SBMT 2027 Strategy Meeting

ANC SBMT 2026 : Alzheimer's Disease and Dementia Consortium - Room 406 A

Chairs : Christopher Wheeler, PhD; George Perry, PhD; Giulio Pasinetti, MD, PhD; Rudolph Castellani, MD

Fellows : Sushil Poudel, MBBS ; Melika Javani, MD

Interns : Margaret Willis

ALZ 12/C : Saturday, April 18, 2026 [01:30 PM - 03:00 PM]

Aging and Cognitive Decline



George Perry, PhD

Semmes Distinguished University Chair in Neurobiology; Professor of Biology; Director, Neurosciences Institute
College of Sciences, The University of Texas at San Antonio, San Antonio, Texas (USA)

Maintaining Brain Health in the Context of Cerebrovascular Disease and ApoE4

01:30 PM - 01:45 PM

Sally Frautschy, PhD

Professor; Departments of Neurology and Medicine
University of California, Los Angeles (USA)

Reducing Neuroinflammation by Different Pathways to Delay Brain Pathology

01:45 PM - 02:00 PM

Jessica Fortin, DVM, PhD

Assistant Professor
College of Veterinary Medicine, Purdue University, West Lafayette, Indiana (USA)

Neurovascular Interactions in Alzheimer's Disease : From Mechanisms to Clinical Trials

02:00 PM - 02:15 PM

Katerina Akassoglou, PhD

Professor of Neurology
Weill Institute for Neurosciences, University of California, San Francisco (USA)

Are Recent Therapeutic and Diagnostic Discoveries in Alzheimer Disease Transforming Patient Care?

02:15 PM - 02:30 PM

George Perry, PhD

Semmes Distinguished University Chair in Neurobiology; Professor of Biology; Director, Neurosciences Institute
College of Sciences, The University of Texas at San Antonio, San Antonio, Texas (USA)

02:30 PM - 03:00 PM

Panel Discussion - Q & A



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ANC SBMT 2026 : Alzheimer's Disease and Dementia Consortium - Room 406 A	
Chairs : Christopher Wheeler, PhD; George Perry, PhD; Giulio Pasinetti, MD, PhD; Rudolph Castellani, MD	
Fellows : Sushil Poudel, MBBS ; Melika Javani, MD	
Interns : Margaret Willis	
ALZ 14/D : Sunday, April 19, 2026 [10:30 AM - 12:00 PM]	
Alzheimer's Disease and Dementia Research	
	<p>Giulio Pasinetti, MD, PhD Saunders Family Chair and Professor of Neurology; Professor of Psychiatry; Professor of Geriatrics and Adult Development; Director, Integrative Neuroscience Research and Training Program <i>Icahn School of Medicine at Mount Sinai; James J. Peters Veterans Affairs Medical Center, New York (USA)</i></p>
Impact of Consanguinity on Genetic Architecture of AD: An ENIGMA_PAK Study	
10:30 AM - 10:45 AM	<p>Maheen Adamson, PhD, MHL Clinical Professor of Neurosurgery; Research Director, Women's Center of Excellence <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
Classical and Modern Chronic Traumatic Encephalopathy : Traumatic Brain Injury vs Neurodegenerative Disease	
10:45 AM - 11:00 AM	<p>Rudolph Castellani, MD Professor of Pathology <i>Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i></p>
Neuropathology of Chronic Traumatic Encephalopathy	
11:00 AM - 11:15 AM	<p>Kyle Conway, MD, JD Associate Professor <i>University of Michigan, Ann Arbor, Michigan (USA)</i></p>
Novel Metal Redox Chemistry in Senile Plaques at the Root of Oxidative Stress	
11:15 AM - 11:30 AM	<p>George Perry, PhD Semmes Distinguished University Chair in Neurobiology; Professor of Biology; Director, Neurosciences Institute <i>College of Sciences, The University of Texas at San Antonio, San Antonio, Texas (USA)</i></p>
11:30 AM - 12:00 PM	Panel Discussion - Q & A



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ANC SBMT 2026 : Alzheimer's Disease and Dementia Consortium - Room 406 A	
Chairs : Christopher Wheeler, PhD; George Perry, PhD; Giulio Pasinetti, MD, PhD; Rudolph Castellani, MD	
Fellows : Sushil Poudel, MBBS ; Melika Javani, MD	
Interns : Margaret Willis	
ALZ 16/D : Sunday, April 19, 2026 [04:00 PM - 05:30 PM]	
Preclinical Neuroscience and Neurodegeneration	
	<p>Christopher Wheeler, PhD Senior Research Scientist; Chief Science Officer; President <i>Santa Barbara Medical Innovations Group; T-NeuroDx; Ortega NeuroTherapeutics; StemVax Therapeutics (USA)</i></p>
Exploring the Role of the Oxytosis/Ferroptosis Pathway in Aging and Alzheimer's Disease	
04:00 PM - 04:30 PM [Featured Speaker]	<p>Pamela Maher, BSc, PhD Research Professor; Head, Cellular Neurobiology Laboratory <i>Salk Institute for Biological Studies, La Jolla, California (USA)</i></p>
Magnetothermal Stimulation as Anti-Amyloid Therapy for Alzheimer's Disease	
04:30 PM - 04:45 PM	<p>Min-Ho Kim, PhD Professor of Biological Sciences <i>Department of Biological Sciences, College of Arts & Sciences, Kent State University, Kent, Ohio (USA)</i></p>
Tau-related Targets for Alzheimer's Disease and Dementia	
04:45 PM - 05:00 PM	<p>Jessica Fortin, DVM, PhD Assistant Professor <i>College of Veterinary Medicine, Purdue University, West Lafayette, Indiana (USA)</i></p>
The Case for CD8 T-Cells in Alzheimer's Disease Induction and Therapy	
05:00 PM - 05:15 PM	<p>Christopher Wheeler, PhD Senior Research Scientist; Chief Science Officer; President <i>Santa Barbara Medical Innovations Group; T-NeuroDx; Ortega NeuroTherapeutics; StemVax Therapeutics (USA)</i></p>
05:15 PM - 05:30 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
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Scientific Program Schedule

Epilepsy Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Epilepsy Consortium - Room 406 B	
Chairs : Arjune Sen, MA (Oxon), MD, PhD, FRCPE, FRSB ; Dawn Eliashiv, MD ; Felix Rivera, MD ; Maria Emilia Cosenza Andraus, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
EPI 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
Global Epilepsy: Equity, Access, and the Future of Care	
	<p>Arjune Sen, MA (Oxon), MD, PhD, FRCPE, FRSB Professor of Global Epilepsy; Consultant Neurologist; BRC Senior Research Fellow <i>Oxford Epilepsy Research Group, Nuffield Department of Clinical Neurosciences, University of Oxford (UK)</i></p>
Epilepsy in Africa	
08:30 AM - 08:45 AM	<p>Prince Kazadi, MD Managing Director <i>Aslek Epilepsy Association (Democratic Republic of the Congo)</i></p>
Epilepsy in America	
08:45 AM - 09:00 AM	<p>John Stern, MD Professor; Director, Epilepsy Clinical Program; Director, Epilepsy Fellowship Training Program; Medical Director, Seizure Disorder Center <i>David Geffen School of Medicine at UCLA; UCLA Health Neurology, Los Angeles, California (USA)</i></p>
Advancing Epilepsy Diagnosis in Resource-Limited Settings: The Role of Continuing Medical Education and Neurotechnology Training	
09:00 AM - 09:15 AM	<p>Maria Emilia Cosenza Andraus, MD, PhD Professor of Neurology; Consultant Neurologist and Clinical Neurophysiologist <i>Faculty of Medicine and Deolindo Couto Institute of Neurology, Universidade Federal do Rio de Janeiro (Brazil)</i></p>
Equity of Medicines Access : How, Why, Now	
09:15 AM - 09:30 AM	<p>Arjune Sen, MA (Oxon), MD, PhD, FRCPE, FRSB Professor of Global Epilepsy; Consultant Neurologist; BRC Senior Research Fellow <i>Oxford Epilepsy Research Group, Nuffield Department of Clinical Neurosciences, University of Oxford (UK)</i></p>
What will the Future of Epilepsy Care Look Like?	
09:30 AM - 09:45 AM	<p>Dawn Eliashiv, MD Professor of Neurology; Director, UCLA Seizure Disorder Center <i>David Geffen School of Medicine at UCLA; UCLA Health, Los Angeles, California (USA)</i></p>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



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ANC SBMT 2026 : Epilepsy Consortium - Room 406 B	
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Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
EPI 13/D : Sunday, April 19, 2026 [08:30 AM - 10:30 AM]	
Epilepsy Across Brain Systems: Comorbidity, Cognition, and Network-Level Insights	
	<p>Maria Emilia Cosenza Andraus, MD, PhD Professor of Internal Medicine / Neurology; Consultant Neurologist and Clinical Neurophysiologist <i>Faculty of Medicine and Deolindo Couto Institute of Neurology, Universidade Federal do Rio de Janeiro, Rio de Janeiro (Brazil)</i></p>
Epilepsy and Vascular Comorbidity	
08:30 AM - 08:45 AM	<p>Rafael Batista João, MD, MSc Neurologist; Epileptologist; Faculty Member <i>State University of Campinas (UNICAMP), Campinas, São Paulo (Brazil)</i></p>
Epilepsy and Autism Spectrum Disorder Comorbidity: Diagnosis and Management Challenges	
08:45 AM - 09:00 AM	<p>Maria Emilia Cosenza Andraus, MD, PhD Professor of Internal Medicine / Neurology; Consultant Neurologist and Clinical Neurophysiologist <i>Faculty of Medicine and Deolindo Couto Institute of Neurology, Universidade Federal do Rio de Janeiro, Rio de Janeiro (Brazil)</i></p>
Clinical Trials of Anti-seizure Medications in Dementia and Anti-dementia Drugs in Epilepsy	
09:00 AM - 09:15 AM	<p>Keith Vossel, MD Professor of Neurology; Director, Mary S. Easton Center for Alzheimer's Research and Care <i>University of California, Los Angeles (UCLA), Los Angeles, California (USA)</i></p>
Beyond the Pill: Leveraging the Six Pillars of Brain Health to Optimize Seizure Control, Neuro-Cognitive, and Emotional Outcomes	
09:15 AM - 09:30 AM	<p>Felix Rivera, MD Consultant Neurologist / Epilepsy Specialist <i>Private Practice (USA)</i></p>
Past, Present, and Future : Advanced Imaging in Epilepsy	
09:30 AM - 09:45 AM	<p>Vasileios Katsaros, MD, PhD, EQNR Senior Consultant Radiologist; Neuroradiologist <i>National and Kapodistrian University of Athens (Greece)</i></p>
09:45 AM - 10:00 AM	Panel Discussion - Q & A

ANC SBMT 2026 : Epilepsy Consortium - Room 406 B	
Chairs : Arjune Sen, MA (Oxon), MD, PhD, FRCPE, FRSB ; Dawn Eliashiv, MD ; Felix Rivera, MD ; Maria Emilia Cosenza Andraus, MD, PhD	



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Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
EPI 15/D : Sunday, April 19, 2026 [01:30 PM - 03:00 PM]	
Advanced Diagnostics and Network Neuroscience in Epilepsy	
	<p>Dawn Eliashiv, MD Professor of Neurology; Director, UCLA Seizure Disorder Center <i>David Geffen School of Medicine at UCLA; UCLA Health, Los Angeles, California (USA)</i></p>
Rethinking Consciousness during Seizures According to Brain Networks	
01:30 PM - 01:45 PM	<p>John Stern, MD Professor & Director, Epilepsy Clinical Program; Director, Epilepsy Fellowship Training Program; Medical Director, Seizure Disorder Center <i>Geffen School of Medicine at the University of California, Los Angeles (UCLA); UCLA Health Neurology, Los Angeles, California (USA)</i></p>
Electronic Devices for Early Seizure Detection During Sleep : Potential Role in SUDEP Risk Reduction	
01:45 PM - 02:00 PM	<p>Rafael Batista João, MD, MSc Neurologist; Epileptologist; Faculty Member <i>State University of Campinas (UNICAMP), Campinas, São Paulo (Brazil)</i></p>
Thalamic Neuromodulation in Epilepsy: DBS and RNS	
02:00 PM - 02:15 PM	<p>Dawn Eliashiv, MD Professor of Neurology; Director, UCLA Seizure Disorder Center <i>David Geffen School of Medicine at UCLA; UCLA Health, Los Angeles, California (USA)</i></p>
02:15 PM - 03:00 PM	Panel Discussion - Q & A

Room 409 A : EPI 7/B	Friday, April 17, 2026 [02:15 PM - 03:00 PM]	ANC SBMT 2027 Strategy Meeting
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**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Military Medicine and Neurotrauma Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
"Walk and Talk" 3MDR for PTSD	
	Pinata Sessoms, PhD Technical Director <i>Naval Health Research Center, San Diego, California (USA)</i>
	Eric Vermetten, MD, PhD Professor of Psychiatry <i>Leiden University Medical Center (Netherlands)</i>
3MDR Overview	
08:30 AM - 09:00 AM [Featured Speaker]	Eric Vermetten, MD, PhD Professor of Psychiatry <i>Leiden University Medical Center (Netherlands)</i>
A Preliminary Examination of the Effect on PTSD and Experiential Avoidance	
09:00 AM - 09:15 AM	Emmanuel Espejo, PhD Clinical Research Psychologist, <i>Naval Health Research Center, San Diego, California (USA)</i>
Motion Capture Data : Gait and Outcomes	
09:15 AM - 09:30 AM	Pinata Sessoms, PhD Technical Director <i>Naval Health Research Center, San Diego, California (USA)</i>
Making 3MDR More Accessible and Supplementing it with Music and Art Therapists: The CARE4PTSD and MATE-3MDR Studies	
09:30 AM - 09:45 AM	Michael Roy, MD, MPH, Colonel (Retired), U.S. Army; Director, Division of Military Internal Medicine, Professor of Medicine & Deputy Director <i>Military Traumatic Brain Injury Initiative, Uniformed Services University, Bethesda, Maryland (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B

Chairs : Michael Roy, MD, MPH ; David Keyser, PhD

Interns : Antonina Wiewior, Mayra Rodriguez

MMNT 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]

Advances in VR and AI for the Treatment of PTSD and Other Mental Health Conditions in Service Members and Veterans



Skip Rizzo, PhD
 Director, Institute for Creative Technologies
University of Southern California, California (USA)



Jeffrey Gold, PhD
 Professor of Anesthesiology, Pediatrics and Psychiatry
Keck School of Medicine, University of Southern California (USA)



Pedro Gamito, PhD
 Professor, School of Psychology and Life Sciences and Director
HEI-Lab: Digital Human-Environment Interaction Lab, Lisbon (Portugal)

Randomized Controlled Trial Comparing Metaverse-Delivered vs. In-Person Group Therapy with Ukrainian Refugees

10:30 AM - 10:45 AM

Skip Rizzo, PhD
 Director, Institute for Creative Technologies
University of Southern California, California (USA)

Unplugged: Decreasing Sedation through Immersive Technology for Procedural Pain and Anxiety Management

10:45 AM - 11:00 AM

Jeffrey Gold, PhD
 Professor of Anesthesiology, Pediatrics and Psychiatry
Keck School of Medicine, University of Southern California (USA)

Title To Be Decided

11:00 AM - 11:15 AM

Pedro Gamito, PhD
 Professor, School of Psychology and Life Sciences and Director
HEI-Lab: Digital Human-Environment Interaction Lab, Lisbon (Portugal)

Title To Be Decided

11:15 AM - 11:30 AM

Sharon Mozgai
 Director, Virtual Human Therapeutics Lab
USC Institute for Creative Technologies, USC Viterbi (USA)

AI Enhanced Reality Technology for Treatment of First Responders and Veterans with PTSD

11:30 AM - 11:45 AM

Arash Javanbakht, MD
 Psychiatrist and Neuroscientist
Wayne State University, Michigan (USA)

11:45 AM - 12:00 PM

Panel Discussion - Q & A



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ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
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Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 3/A : Thursday, April 16, 2026 [01:30 PM - 03:00 PM]	
Concussive & Subconcussive Head Injury in Athletes and Service Members	
	Rika Carlsen, PhD Associate Professor of Mechanical and Biomedical Engineering <i>Robert Morris University, Moon Township, Pennsylvania (USA)</i>
	Elsa Ermer, PhD Senior Scientist and Assistant Professor <i>Department of Physical Medicine and Rehabilitation, Uniformed Services University, Bethesda, Maryland (USA)</i>
Head Impact Exposures in the Explosive Ordnance Disposal, Military Service Academy, and Civilian Athlete Cohorts from the NCAA-DoD CARE Consortium Studies	
01:30 PM - 01:45 PM	Elsa Ermer, PhD Senior Scientist and Assistant Professor <i>Department of Physical Medicine and Rehabilitation, Uniformed Services University, Bethesda, Maryland (USA)</i>
From Head Loading to Injury Risk : Computational Modeling of Brain Injury Risk in Military Service Members	
01:45 PM - 02:00 PM	Rika Carlsen, PhD Associate Professor of Mechanical and Biomedical Engineering <i>Robert Morris University, Moon Township, Pennsylvania (USA)</i>
Prevalence of Self-Reported Head Injuries Across Diverse U.S. Navy Populations	
02:00 PM - 02:15 PM	Nikita Tovey, MPH Research Scientist <i>Naval Health Research Center, California (USA)</i>
The BATTLE Database : A Valuable Resource for Leveraging Diverse Data to Develop Dose-Response Curves for Blast Injury	
02:15 PM - 02:30 PM	Jennifer Belding, PhD Principal Investigator - Research Psychologist <i>Henry Jackson Foundation, Maryland (USA)</i>
Biomechanical Effects of Repetitive Loading on Neurological Function of Fast Boat Crewmembers	
02:30 PM - 02:45 PM	Nick Murray, PhD Professor of Kinesiology <i>East Carolina University, North Carolina (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



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ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]	
Blast Exposure in Military Training Exercises	
	<p>Michael Roy, MD, MPH, Colonel (Retired), U.S. Army Director, Division of Military Internal Medicine, Professor of Medicine & Deputy Director <i>Military Traumatic Brain Injury Initiative, Uniformed Services University, Bethesda, Maryland (USA)</i></p>
	<p>David Keyser, PhD Neurophysiologist and Deputy Director, Traumatic Injury Research Program <i>Department of Military and Emergency Medicine and Military Traumatic Brain Injury Initiative, Uniformed Services University School of Medicine (USA)</i></p>
Expanding the Evidence Base on Blast and the Brain: The BLAST EMFASIS and BOATS Studies	
04:00 PM - 04:15 PM	<p>Michael Roy, MD, MPH, Colonel (Retired), U.S. Army Director, Division of Military Internal Medicine, Professor of Medicine & Deputy Director <i>Military Traumatic Brain Injury Initiative, Uniformed Services University, Bethesda, Maryland (USA)</i></p>
Real World Impact of Blast (AAMETHIST Study)	
04:15 PM - 04:30 PM	<p>David Keyser, PhD Neurophysiologist and Deputy Director, Traumatic Injury Research Program <i>Department of Military and Emergency Medicine and Military Traumatic Brain Injury Initiative, Uniformed Services University School of Medicine (USA)</i></p>
Exercise Intolerance Associated with Repetitive Head Trauma: Clinical Phenotype and Treatment Implications	
04:30 PM - 04:45 PM	<p>Jason Bailie Senior Clinical Research Director <i>Traumatic Brain Injury Center of Excellence (TBICoE), California (USA)</i></p>
The Impact of Repeated Exposure to Low-Level Blast on Cognition, Mental Health and Brain Structure : Data from the Canadian Armed Forces	
04:45 PM - 05:00 PM	<p>Oshin Vartanian Associate Professor <i>Department of Psychology, University of Toronto (Canada)</i></p>
Considerations for Optometry in Post-Trauma Research and Rehabilitation Following Neurotrauma	
05:00 PM - 05:15 PM	<p>Jonathan Hall, OD Clinician <i>Private Practice, Los Angeles/San Diego, California (USA)</i></p>
05:15 PM - 05:30 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 5/B : Friday, April 17, 2026 [08:30 AM - 10:00 AM]	
Improving the Prevention and Treatment of TBI and PTSD	
	Cameron Good, PhD Vice President, Clinical Research <i>Attune Neuroscience Inc., California (USA)</i>
	Alexander Ring, MS Director of Applied Sciences <i>Wave Neuroscience, California (USA)</i>
Noninvasive Neuromodulation in Veterans and First Responders with PTSD Symptoms : A Multiclinic State-Wide Program	
08:30 AM - 08:45 AM	Alexander Ring, MS Director of Applied Sciences <i>Wave Neuroscience, California (USA)</i>
Closed Loop Neuromodulation and Focused Ultrasound	
08:45 AM - 09:00 AM	Cameron Good, PhD Vice President, Clinical Research <i>Attune Neuroscience Inc., California (USA)</i>
12-Month Follow-Up of Magnesium–Ibogaine Therapy (MISTIC) in Special Operations Veterans with Traumatic Brain Injuries	
09:00 AM - 09:15 AM	John Coetzee, PhD Research Scholar <i>Stanford Brain Stimulation Lab California (USA)</i>
Photobiomodulation for Preventing PTSD, Mood and Sleep Disorders, and CTE Progression in Military TBI : Insights from Athlete and Pilot Data	
09:15 AM - 09:30 AM	Lew Lim, PhD Chief Executive Officer <i>Vielight Inc. (Canada)</i>
Disposable Wearable Electrotherapeutics for PTSD and TBI for At-Home Application	
09:30 AM - 09:45 AM	Mohamad Fallahrad, PhD Research Associate <i>The City College of New York, New York (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B

Chairs : Michael Roy, MD, MPH ; David Keyser, PhD

Interns : Antonina Wiewior, Mayra Rodriguez

MMNT 6/B : Friday, April 17, 2026 [10:30 AM - 12:00 PM]

Funding for and Conduct of Research in a War Zone



Jeremy Perkins, MD
Hematologist/Oncologist
Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)



Michael Roy, MD, MPH, Colonel (Retired), U.S. Army
Director, Division of Military Internal Medicine, Professor of Medicine & Deputy Director
Military Traumatic Brain Injury Initiative, Uniformed Services University, Bethesda, Maryland (USA)

Title To Be Decided

10:30 AM - 11:00 AM

Jeremy Perkins, MD
Hematologist/Oncologist
Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)

Opportunities for Collaboration With the Health Enhancement and Resiliency for Those Who Served (HEROES) Initiative at Old Dominion University

11:00 AM - 11:15 AM

Christopher Rhea, PhD
Associate Dean for Research & Innovation
Ellmer College of Health Sciences, Old Dominion University, Virginia (USA)

Opportunities for Collaboration With the Health Enhancement and Resiliency for Those Who Served (HEROES) Initiative at Old Dominion University

11:15 AM - 11:30 AM

Ross Gore, PhD
Associate Research Professor
Center for Secure and Intelligent Critical Systems, Old Dominion University, Virginia (USA)

Current and Future Biomarkers in TBI Diagnosis and Prognosis

11:30 AM - 11:45 AM

Ava Puccio, RN, PhD
Associate Professor of Neurosurgery
University of Pittsburgh (USA)

11:45 AM - 12:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 7/B : Friday, April 17, 2026 [01:30 PM - 03:00 PM]	
Lessons Learned from the Israel/Hamas Conflict	
	<p>Adam Hamawy, MD, MBA, FACS Attending Surgeon and PrincetonMD, Medical Director <i>Princeton MD Institute, Penn Medicine Princeton Medical Center (USA)</i></p>
	<p>Raquel Gardner, MD Attending Surgeon and PrincetonMD, Medical Director <i>Joseph Sagol Neuroscience Center, Sheba Medical Center (Israel)</i></p>
October 7th and Its Aftermath in Israel : Personal, Social, and Medical Perspectives	
01:30 PM - 01:45 PM	<p>Yuval Heled, PhD Professor of Physiology, Faculty of Sciences <i>Kibbutzim College (Israel)</i></p>
Title To Be Decided	
01:45 PM - 02:00 PM	<p>Adam Hamawy, MD, MBA, FACS Attending Surgeon and PrincetonMD, Medical Director <i>Princeton MD Institute, Penn Medicine Princeton Medical Center (USA)</i></p>
Title To Be Decided	
02:00 PM - 02:15 PM	<p>Raquel Gardner, MD Attending Surgeon and PrincetonMD, Medical Director <i>Joseph Sagol Neuroscience Center, Sheba Medical Center (Israel)</i></p>
02:15 PM - 03:00 PM	Panel Discussion - Q & A

Room 404 B : MMNT 8/B Friday, April 17, 2026 [04:00 PM - 04:45 PM] ANC SBMT 2027 Strategy Meeting



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 9/C : Saturday, April 18, 2026 [08:30 AM - 10:00 AM]	
Brain Health in Women Service Members and Veterans I	
	Lindsey Borgia, MD, MHS Assistant Professor of Gynecologic Surgery & Obstetrics <i>Uniformed Services University of the Health Sciences School of Medicine (USA)</i>
	Maheen Mausoo Adamson, PhD, MHL Director of Research, Clinical Professor, Neurosurgery <i>WOMEN CoE, VA Palo Alto Healthcare System, Stanford University School of Medicine (USA)</i>
Impact of Military Environmental Exposures on Women's Health : Veteran Perspective	
08:30 AM - 08:45 AM	Maheen Mausoo Adamson, PhD, MHL Director of Research, Clinical Professor, Neurosurgery <i>WOMEN CoE, VA Palo Alto Healthcare System, Stanford University School of Medicine (USA)</i>
Sex Differences in Brain Injury : Brain age and Chronological Age	
08:45 AM - 09:00 AM	John Coetzee, PhD Staff Scientist <i>Women's Operational Military Exposure Network Center of Excellence (WOMEN COE)/ War Related Illness and Injury Study Center (WRIISC) at Palo Alto VA Medical Center; Stanford University School of Medicine (USA)</i>
Exploration of Sex Differences in Response to an Accelerated and Neuronavigated rTMS Protocol (SAINT)	
09:00 AM - 09:15 AM	Randi Brown, PhD Research Health Science Specialist <i>Women's Operational Military Exposure Network Center of Excellence (WOMEN COE)/ War Related Illness and Injury Study Center (WRIISC) at Palo Alto VA Medical Center; Stanford University School of Medicine (USA)</i>
Mental Illness and Cognitive Functioning in Older Women Veterans Participating in Research	
09:15 AM - 09:30 AM	Julie Lutz, PhD Research Health Science Specialist <i>Sierra Pacific Mental Illness Research, Education, and Clinical Center (VISN 21 MIRECC) VA Palo Alto Health Care System (USA)</i>
Addressing Health Disparities in TBI Outcomes in Women Veterans	
09:30 AM - 09:45 AM	Colleen Mills-Finnerty, PhD Research Scientist <i>Women's Operational Military Exposure Network Center of Excellence (WOMEN COE)/ War Related Illness and Injury Study Center (WRIISC) at Palo Alto VA Medical Center (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]	
Brain Health in Women Service Members and Veterans II	
	<p>Lindsey Borgia, MD, MHS Assistant Professor of Gynecologic Surgery & Obstetrics <i>Uniformed Services University of the Health Sciences School of Medicine (USA)</i></p>
	<p>Maheen Mausoo Adamson, PhD, MHL Director of Research, Clinical Professor, Neurosurgery <i>WOMEN CoE, VA Palo Alto Healthcare System, Stanford University School of Medicine (USA)</i></p>
Estrogen/Progesterone/Testosterone as Neurotransmitters and Impact of Replacing them in Perimenopause and Menopause on Brain Health, Mood	
10:30 AM - 11:00 AM [Featured Speaker]	<p>Lindsey Borgia, MD, MHS Assistant Professor of Gynecologic Surgery & Obstetrics <i>Uniformed Services University of the Health Sciences School of Medicine (USA)</i></p>
Toxin Exposure and Reproduction	
11:00 AM - 11:15 AM	<p>Ruben Alvero, MD Clinical Professor of Obstetrics and Gynecology <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
Give Voice to the Speechless: AI driven Communication Solution	
11:15 AM - 11:30 AM	<p>Maheen Mausoo Adamson, PhD, MHL Director of Research, Clinical Professor, Neurosurgery <i>WOMEN CoE, VA Palo Alto Healthcare System, Stanford University School of Medicine (USA)</i></p>
AI-Driven Neurocardiac Monitoring in High-Risk Pregnancy: Toward Safer Maternal Brain Health	
11:30 AM - 11:45 AM	<p>Dave Esra Chief Executive Officer <i>BobiHealth, Inc., San Antonio, Texas (USA)</i></p>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 11/C : Saturday, April 18, 2026 [01:30 PM - 03:00 PM]	
Advances in Neuroimaging and Neuropathology Relative to TBI, SCBE and CTE	
	<p>Tony Yuan, PhD, MS Associate Director of Research, Center for Biotechnology, Department of Radiology and School of Medicine <i>Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)</i></p>
	<p>Doug Morris, PhD Associate Professor, Department of Radiology and Radiological Sciences <i>Department of Military and Emergency Medicine and Military Traumatic Brain Injury Initiative, Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)</i></p>
Neuropathology of Military TBI	
01:30 PM - 01:45 PM	<p>Daniel Perl, MD Professor of Pathology <i>Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)</i></p>
Title To Be Decided	
01:45 PM - 02:00 PM	<p>Tony Yuan, PhD, MS Associate Director of Research, Center for Biotechnology, Department of Radiology and School of Medicine <i>Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)</i></p>
Title To Be Decided	
02:00 PM - 02:15 PM	<p>Doug Morris, PhD Associate Professor, Department of Radiology and Radiological Sciences <i>Department of Military and Emergency Medicine and Military Traumatic Brain Injury Initiative, Uniformed Services University of the Health Sciences, Bethesda, Maryland (USA)</i></p>
02:15 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 12/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]	
Digital Diagnostics and Therapeutics	
	Emmanuel Espejo, PhD Clinical Research Psychologist <i>Naval Health Research Center, San Diego, California (USA)</i>
	Jacob VanDehy, MA Engineer <i>Naval Health Research Center, San Diego, California (USA)</i>
Using a Digital Clinician Decision Support Platform to Treat Insomnia in Service Members with TBI : A Study Update	
04:00 PM - 04:15 PM	Emmanuel Espejo, PhD Clinical Research Psychologist <i>Naval Health Research Center, San Diego, California (USA)</i>
Lessons Learned on Wearables for Sleep, Self-Report and Biofeedback	
04:15 PM - 04:30 PM	Jacob VanDehy, MA Engineer <i>Naval Health Research Center, San Diego, California (USA)</i>
Advanced Integrated Resilience System (AIRS) Application for Resilience Training	
04:30 PM - 04:45 PM	Lisa Glassman, PhD Assistant Adjunct Professor <i>Naval Health Research Center, San Diego, California (USA)</i>
04:45 PM - 05:30 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 13/D : Sunday, April 19, 2026 [08:30 AM - 10:00 AM]	
Applications of Machine Learning and Artificial Intelligence to Military Health	
	Ross Gore, PhD <i>Associate Research Professor, Center for Secure and Intelligent Critical Systems Old Dominion University (USA)</i>
	Christopher Rhea, PhD <i>Associate Dean for Research & Innovation Ellmer College of Health Sciences, Old Dominion University (USA)</i>
Machine Learning Approach to Modeling Neuromotor Responses to Subconcussive Blast Exposure	
08:30 AM - 08:45 AM	Christopher Rhea, PhD <i>Associate Dean for Research & Innovation Ellmer College of Health Sciences, Old Dominion University (USA)</i>
Using Generative AI To Support Screening For Mild Traumatic Brain Injuries	
08:45 AM - 09:00 AM	Ross Gore, PhD <i>Associate Research Professor, Center for Secure and Intelligent Critical Systems Old Dominion University (USA)</i>
AI-Informed Reference Models for Hippocampal Vulnerability Across the Careerspan	
09:00 AM - 09:15 AM	Derek Monroe, PhD <i>Assistant Professor, Exercise & Sport Science University of North Carolina at Chapel Hill (USA)</i>
Standardization of Psychiatric Diagnoses : Role of Fine-tuned LLM Consortium and Reasoning LLM Enabled Decision Support System	
09:15 AM - 09:30 AM	Anita Clayton, MD <i>Wilford W. Spradlin Professor, Department of Psychiatry & Neurobehavioral Sciences University of Virginia (USA)</i>
RATING : A Tool for Predicting Individual's Mission Fitness From Subconcussive Blast Exposure	
09:30 AM - 09:45 AM	Yuk Sham, PhD <i>Associate Professor, Department of Integrative Biology and Physiology, Director of Graduate Studies, Bioinformatics and Computational Biology Graduate Program University of Minnesota (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 14/D : Sunday, April 19, 2026 [10:30 AM - 12:00 PM]	
Biomarkers and Sleep of Service Members and Veterans	
	<p>Miranda Lim, MD, PhD Professor of Neurology, Oregon Health & Science University <i>Sleep Physician, VA Portland Health Care System (USA)</i></p>
	<p>Jonathan Elliott, PhD Assistant Professor of Neurology, Research Physiologist <i>Oregon Health & Science University (USA)</i></p>
Introduction. Sleep, Biomarkers, and Neurological Health	
10:30 AM - 10:45 AM	<p>Jonathan Elliott, PhD Assistant Professor of Neurology, Research Physiologist <i>Oregon Health & Science University (USA)</i></p>
Identifying Biomarkers Addressing Broader Chronic Neurotrauma Morbidity in a Real-World Clinical Setting	
10:45 AM - 11:00 AM	<p>Grace Greisbach, PhD National Director of Research <i>Centre for Neuro Skills (USA)</i></p>
Sleep Disturbances as a Diagnostic and Prognostic Biomarker of TBI	
11:00 AM - 11:15 AM	<p>Rachel Rowe, PhD Assistant Professor <i>University of Colorado Boulder (USA)</i></p>
Sleep Disturbances and CSF Norepinephrine in Blast mTBI with and without Comorbid PTSD	
11:15 AM - 11:30 AM	<p>Murray Raskind, MD Professor, Psychiatry & Behavioral Sciences <i>University of Washington (USA)</i></p>
CSF and Plasma Biomarkers and Sleep in Repetitive Blast mTBI and Low Level Blast Exposure	
11:30 AM - 11:45 AM	<p>Elaine Peskind, MD Friends of Alzheimer's Research Professor, Psychiatry & Behavioral Sciences <i>University of Washington (USA)</i></p>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Military Medicine and Neurotrauma Consortium - Room 404 B	
Chairs : Michael Roy, MD, MPH ; David Keyser, PhD	
Interns : Antonina Wiewior, Mayra Rodriguez	
MMNT 15/D : Sunday, April 19, 2026 [01:30 PM - 03:00 PM]	
New Blood/Saliva/Hair Biomarker Findings in TBI, SCBE and PTSD	
	<p>Sara Mithani, PhD, RN Assistant Professor <i>UT Health Houston, Cizik School of Nursing, Houston, Texas (USA)</i></p>
	<p>Sarka Southern, PhD Scientific Director and CEO <i>Gaia Medical Institute (USA)</i></p>
Introduction : Novel biomarker approaches	
01:30 PM - 01:45 PM	<p>Sara Mithani, PhD, RN Assistant Professor <i>UT Health Houston, Cizik School of Nursing, Houston, Texas (USA)</i></p>
Saliva Biomarkers for Diagnostic of mTBI, Blast Injury and Dementia	
01:45 PM - 02:00 PM	<p>Sarka Southern, PhD Scientific Director and CEO <i>Gaia Medical Institute (USA)</i></p>
02:00 PM - 03:00 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Multiple Sclerosis, ALS Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Multiple Sclerosis Consortium - Room 406 A	
Chairs : Lawrence Steinman, MD; Babak Kateb, MD, PhD; Sajad Sahad Negah, PhD; Denis Fedorenko, MD, PhD; Richard Burt, MD	
Fellows : Shova Sapkota, MBBS; Giridhar Solasa, MD	
Interns : Madalena Hughes	
MS 9/C : Saturday, April 18, 2026 [08:30 AM - 10:00 AM]	
Advances in Multiple Sclerosis : Transplantation, Remyelination, and Precision Diagnosis	
	Denis Fedorenko, MD, PhD Professor, Leading Hematologist <i>National Medical and Surgical Center named after N.I. Pirogov (Russia)</i>
Perspectives of Hematopoietic Stem Cell Transplantation for Multiple Sclerosis : Who is the best candidate?	
08:30 AM - 08:45 AM	Denis Fedorenko, MD, PhD Professor, Leading Hematologist <i>National Medical and Surgical Center named after N.I. Pirogov (Russia)</i>
Recent Evidence on Remyelination in MS [Online]	
08:45 AM - 09:00 AM	Sajad Sahab Negah, PhD <i>Assistant Professor of Multiple Sclerosis Centre Tehran University of Medical Sciences (Iran)</i>
New Differential diagnostic Methods for NMO and MS [Online]	
09:00 AM - 09:15 AM	Zahra Ebadi, MD Assistant Professor of Neurology <i>Tehran University of Medical Sciences (Iran)</i>
Differential Diagnosis of Multiple Sclerosis [Online]	
09:15 AM - 09:30 AM	Mohammad Ali Sahraian, MD Professor of Neurology <i>Tehran University of Medical Sciences (Iran)</i>
Innovation, Patient Voice and Community-Based Models in MS Care	
09:30 AM - 09:45 AM	Adriana Maria Mocan Patient
09:45 AM - 10:00 AM	Panel Discussion - Q & A

Room 406 A : MS 11/C Saturday, April 18, 2026 [02:15 PM - 03:00 PM] ANC SBMT 2027 Strategy Meeting



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : ALS Consortium - Room 406 A

Chairs : Lawrence Steinman, MD; Babak Kateb, MD, PhD; Sajad Sahad Negah, PhD; Denis Fedorenko, MD, PhD; Richard Burt, MD

Fellows : Shova Sapkota, MBBS; Giridhar Solasa, MD

Interns : Madalena Hughes

ALS 11/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]

ALS 360°: Regenerative Strategies, Respiratory Care, and Neuropsychological Insight



Ashraf Elsayegh, MD, FCCP, FAASM

Pulmonary, Critical Care and Sleep Medicine Specialist

Broward Health Medical Center; Broward Health Physician Group (Pulmonary & Sleep Medicine), Fort Lauderdale, Florida (USA)

Title To Be Decided

04:00 PM - 04:15 PM

Lawrence Steinman, MD

Professor of Neurology and Neurological Sciences; George A. Zimmermann Endowed Chair in Neurology

Stanford University School of Medicine; Stanford University, Stanford, California (USA)

iPS cells for ALS

04:15 PM - 04:30 PM

Richard Burt, MD

Professor of Medicine; Chief, Division of Immunotherapy

Northwestern University Feinberg School of Medicine; Northwestern Memorial Hospital, Chicago, Illinois, (USA)

Pulmonary Manifestations in ALS

04:30 PM - 04:45 PM

Ashraf Elsayegh, MD, FCCP, FAASM

Pulmonary, Critical Care and Sleep Medicine Specialist

Broward Health Medical Center; Broward Health Physician Group (Pulmonary & Sleep Medicine), Fort Lauderdale, Florida (USA)

Neuropsychological Exam in ALS patients

04:45 PM - 05:00 PM

Liorah Sabbah, PhD

Research Scientist, Cardiovascular Research

Henry Ford Health System, Detroit, Michigan, (USA)

05:00 PM - 05:30 PM

Panel Discussion - Q & A

Room 406 A : ALS 10/C

Saturday, April 18, 2026 [01:00 PM - 02:15 PM]

ANC SBMT 2027 Strategy Meeting



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Neuro-Oncology Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B

Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD

Fellows : Arman Sourani, MD; Sushil Poudel, MBBS

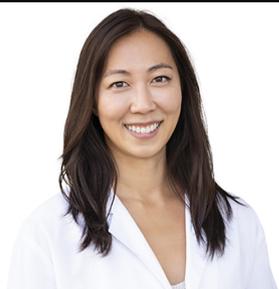
Interns : Narjes Amiri; Clara Chen; Margaret Willis

NOC 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]

Updates in Brain Metastasis and Leptomeningeal Disease : Radiation Therapy



Ricky Savjani, MD, PhD
Assistant Professor of Radiation Oncology
University of California Los Angeles (USA)



Stephanie Yoon, MD, MS
Assistant Professor of Radiation Oncology
City of Hope Comprehensive Cancer Center (USA)

CEREBRO : Clinical Enterprise for Real-world Exploration of Brain Metastases Radiation Outcomes

10:30 AM - 10:45 AM

Ricky Savjani, MD, PhD
Assistant Professor of Radiation Oncology
University of California Los Angeles (USA)

Triapine + Radiation Therapy for Recurrent High-Grade Gliomas

10:45 AM - 11:00 AM

Stephanie Yoon, MD, MS
Assistant Professor of Radiation Oncology
City of Hope Comprehensive Cancer Center (USA)

Modern Radiation Therapy for Brain Metastases and Leptomeningeal Disease : Practical Updates for 2026

11:15 AM - 11:30 AM

Dan Pop, MD
Head Of Radiation Oncology Department
Medisprof Cancer Center (Romania)

Title To Be Decided

11:30 AM - 11:45 AM

Clara Ferreira, PhD
Associate Professor of Medical Physics
University of Minnesota (USA)

11:45 AM - 12:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

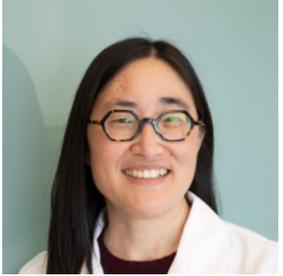
Scientific Program Schedule

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B	
Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD	
Fellows : Arman Sourani, MD; Sushil Poudel, MBBS	
Interns : Narjes Amiri; Clara Chen; Margaret Willis	
NOC 3/A : Thursday, April 16, 2026 [01:30 PM - 03:00 PM]	
Cancer Metabolism Therapeutics and Diagnostics	
	<p>Lawrence Recht, MD Professor of Neurology <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
A Potentially Better Way to Approach Brain Cancer Therapeutics	
01:30 PM - 01:45 PM	<p>Lawrence Recht, MD Professor of Neurology <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
BPM31510, A Lipid Nanoemulsion Containing Oxidized CoQ10 : Experience in Preclinical GBM	
01:45 PM - 02:00 PM	<p>Abbas Khojasteh, MD, PhD Instructor, Department of Neurology <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
MR Metabolic Imaging of Tumor Therapeutic Response : Preclinical Findings	
02:00 PM - 02:15 PM	<p>Daniel Spielman, PhD Professor of Radiology <i>Stanford University School of Medicine, Stanford, California (USA)</i></p>
Determining the Optimal Measurement of Efficacy of Alternating Electric Fields Therapy in Cancer	
02:15 PM - 02:30 PM	<p>Chirag Patel, MD, PhD Assistant Professor of Neuro-Oncology <i>University of Texas MD Anderson Cancer Center (USA)</i></p>
Moving from Pathogenesis to Salugenesis : Healing the Brain and Fighting Cancer	
02:30 PM - 02:45 PM	<p>Tresa McGranahan, MD, PhD Director of CNS Oncology, Medical Neuro Oncologist <i>Scripps Cancer Center (USA)</i></p>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B	
Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD	
Fellows : Arman Sourani, MD; Sushil Poudel, MBBS	
Interns : Narjes Amiri; Clara Chen; Margaret Willis	
NOC 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]	
Glioblastoma Accelerated Biomarkers Learning Environment- Imaging Biomarkers Based on AI/Machine Learning	
	<p>Christina Tsien, MD Professor and Endowed Chair, Dept of Radiation Oncology <i>McGill University (Canada)</i></p>
Glioblastoma Accelerated Biomarkers Learning Environment (GABLE)	
04:00 PM - 04:15 PM	<p>Christina Tsien, MD Professor and Endowed Chair, Dept of Radiation Oncology <i>McGill University (Canada)</i></p>
Advanced Molecular Assessment in Glioblastoma Patients	
04:15 PM - 04:30 PM	<p>Giuseppe Umana, MD, PhD, MSc, FACS Neurosurgeon <i>Kore University-Cannizzaro Hospital, Catania (Italy)</i></p>
Title To Be Decided	
04:30 PM - 04:45 PM	<p>Ali Nabavizadeh, MD Associate Professor of Radiology <i>University of Pennsylvania & Children's Hospital of Philadelphia (USA)</i></p>
Title To Be Decided	
04:45 PM - 05:00 PM	<p>Yoshie Umemura, MD CMO, Ivy Brain Tumor Center and Division Chief of Neuro-Oncology and William and Joan Shapiro Chair of Neuro-Oncology Barrow Neurological Institute (USA)</p>
05:00 PM - 05:30 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

Room 406 B : NOC 5/B Friday, April 17, 2026 [08:30 AM - 10:00 AM] WING - Women In Neurotech

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B

Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD

Fellows : Arman Sourani, MD; Sushil Poudel, MBBS

Interns : Narjes Amiri; Clara Chen; Margaret Willis

NOC 6/B : Friday, April 17, 2026 [10:30 AM - 12:00 PM]

Updates in Brain Metastasis and Leptomeningeal Disease : Medical Management



Keng Lam,MD
Assistant Clinical Professor
City of Hope (USA)



Na Tosha Gatson,MD, PhD
Professor, Department of Neurology
Indiana University School of Medicine (USA)

NSCLC Brain and Leptomeningeal Mets : Pivoting Therapies to Extend Quality Survival

10:30 AM - 10:45 AM

Na Tosha Gatson,MD, PhD
Professor, Department of Neurology
Indiana University School of Medicine (USA)

Brain Metastasis and Earlier Anticipation of Tumor Therapy Resistance

10:45 AM - 11:00 AM

Omar Butt, MD, PhD
Assistant Professor of Medicine
John T. Milliken Department of Medicine, WashU Medicine Division of Oncology (USA)

Interpreting Molecular Changes in Metastatic Tumors using cfDNA/RNA

11:00 AM - 11:15 AM

Maher Albitar, MD
Professor
Department of Oncology, Hackensack Meridian School of Medicine (USA)

Current Management of Brain Metastasis from Solid Malignancy



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

11:15 AM - 11:30 AM	Keng Lam, MD Assistant Clinical Professor <i>City of Hope (USA)</i>
11:30 AM - 12:00 PM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B

Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD

Fellows : Arman Sourani, MD; Sushil Poudel, MBBS

Interns : Narjes Amiri; Clara Chen; Margaret Willis

NOC 7/B : Friday, April 17, 2026 [01:30 PM - 03:00 PM]

Electromagnetic Therapies in Brain Cancer



Chirag Patel, MD, PhD
Assistant Professor, Department of Neuro-Oncology
University of Texas MD Anderson Cancer Center (USA)



Edwin Chang, PhD
Director
Canary Center Preclinical Imaging Core Facility, Stanford University School of Medicine (USA)

Tumor Treating Fields (TTFields) Promote Permeabilization of Brain Endothelial Cells and Impair Vasculature Formation

01:30 PM - 01:45 PM	Chirag Patel, MD, PhD Assistant Professor, Department of Neuro-Oncology <i>University of Texas MD Anderson Cancer Center (USA)</i>
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Current Status of the Preclinical Evaluation of Alternating Electric Fields as a Form of Cancer Therapy

01:45 PM - 02:00 PM	Edwin Chang, PhD Director <i>Canary Center Preclinical Imaging Core Facility, Stanford University School of Medicine (USA)</i>
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Sub-centimeter Probes for Low-Frequency Alternating Electric Field (AEF) Measurements in Rodent Models of Brain Cancer

02:00 PM - 02:15 PM	Vincent Leung, PhD Associate Professor, Department of Electrical and Computer Engineering <i>Baylor University, Waco, Texas (USA)</i>
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A Flexible Electronic Strain Sensor for the Real-Time Monitoring of Tumor Progression



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

02:15 PM - 02:30 PM	Yasser Khan, PhD Assistant Professor, Departments of Electrical and Computer Engineering and Biomedical Engineering <i>University of Southern California (USA)</i>
MRI Signal Assessment in Neuro-Oncology (SANO) in TTFIELDS-treated Patients with Glioblastoma	
02:30 PM - 02:45 PM	Ashish Balar, MBBS Clinical Research Coordinator, Department of Internal Medicine <i>University of Texas at Houston McGovern Medical School (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B	
Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD	
Fellows : Arman Sourani, MD; Sushil Poudel, MBBS	
Interns : Narjes Amiri; Clara Chen; Margaret Willis	

NOC 8/B : Friday, April 17, 2026 [04:00 PM - 05:30 PM]

The Role of Liquid Biopsies in Patients with CNS Tumors



Leomar Ballester, MD, PhD
Associate Professor, Neuropathology and Molecular Genetic Pathology
University of Texas MD Anderson Cancer Center (USA)

CSF ctDNA Analysis Guides Molecular Reclassification of Diffuse Glioma Patients

04:00 PM - 04:15 PM	Leomar Ballester, MD, PhD Associate Professor, Neuropathology and Molecular Genetic Pathology <i>University of Texas MD Anderson Cancer Center (USA)</i>
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Monitoring High-Grade Gliomas in Blood Using Amplified DNA Junctions

04:15 PM - 04:30 PM	George Vasmatzis, PhD Co-Director, Biomarker Discovery Laboratory <i>Mayo Clinic (USA)</i>
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Implementation of Liquid Biopsies for CNS Tumors

04:30 PM - 04:45 PM	Venkata Yellapantula, PhD Assistant Professor of Clinical Pathology <i>Keck School of Medicine, University of Southern California (USA)</i>
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Title To Be Decided

04:45 PM - 05:00 PM	Houtan Noushmehr, PhD Associate Professor, Department of Neurosurgery <i>Michigan State University (USA)</i>
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05:00 PM - 05:30 PM	Panel Discussion - Q & A
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**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Room 406 B :NOC 9/C Saturday, April 18, 2026 [08:30 AM - 09:15 AM] ANC SBMT 2027 Strategy Meeting

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B

Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD

Fellows : Arman Sourani, MD; Sushil Poudel, MBBS

Interns : Narjes Amiri; Clara Chen; Margaret Willis

NOC 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]

Neuro-Oncology of Women



Na Tosha Gatson,MD, PhD
Professor, Department of Neurology
Indiana University School of Medicine (USA)



Alexandra Farrukh, MD
Neuro-Oncologist
OU College of Medicine (USA)

Sex and Intimacy

10:30 AM - 10:45 AM

Na Tosha Gatson,MD, PhD
Professor, Department of Neurology
Indiana University School of Medicine (USA)

Special Considerations for Women on Anti-Tumor Therapies

10:45 AM - 11:00 AM

Alexandra Farrukh, MD
Neuro-Oncologist
OU College of Medicine (USA)

Meningiomas & Hormone Use



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

11:00 AM - 11:15 AM	Haroon Ahmad, MD Assistant Professor <i>University of Maryland School of Medicine (USA)</i>
11:15 AM - 12:00 PM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B

Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD

Fellows : Arman Sourani, MD; Sushil Poudel, MBBS

Interns : Narjes Amiri; Clara Chen; Margaret Willis

NOC 11/C : Saturday, April 18, 2026 [01:30 PM - 3:00 PM]

Brain Tumor Engineering



Hamed Arami, PhD
Assistant Professor of Materials Science and Engineering
Arizona State University (USA)

Wireless Bioelectronics for Remotely-controlled Treatment of Brain Tumors

01:30 PM - 01:45 PM	Hamed Arami, PhD Assistant Professor of Materials Science and Engineering <i>Arizona State University (USA)</i>
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Contralateral Transfalcine Approach for Recurrent Glioblastoma : A Technical Note on Multimodal Planning, Fluorescence-Guided Resection, and Re-Irradiation Strategy

01:45 PM - 02:00 PM	Giuseppe Umana, MD, PhD, MSc, FACS Neurosurgeon <i>Kore University-Cannizzaro Hospital, Catania (Italy)</i>
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Immunoengineering and Immunoprofiling of Brain Tumors

02:00 PM - 02:15 PM	Krishna Bhat, PhD Associate Professor, Department of Cancer Biology <i>Mayo Clinic, Phoenix, Arizona (USA)</i>
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Designing Novel Robotic Interfaces and Their Potential Applications for Patients with Brain Tumors

02:15 PM - 02:30 PM	Hamid Marvi, PhD Associate Professor, Department of Mechanical and Aerospace Engineering <i>Arizona State University (USA)</i>
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On-Chip Microfluidic Tumor Models of Glioblastoma and Tumor Microenvironment Studies



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

02:30 PM - 02:45 PM	Kalpana Ravi, PhD(c) Department of Biomedical Engineering <i>Arizona State University (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B	
Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD	
Fellows : Arman Sourani, MD; Sushil Poudel, MBBS	
Interns : Narjes Amiri; Clara Chen; Margaret Willis	
NOC 12/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]	

Automation in Neuro-Oncology : Efficiency and Efficacy with Humans in the Loop



Na Tosha Gatson, MD, PhD
Professor, Department of Neurology
Indiana University School of Medicine (USA)

The Digital Physician In-The-Loop

04:00 PM - 04:15 PM	Na Tosha Gatson, MD, PhD Professor, Department of Neurology <i>Indiana University School of Medicine (USA)</i>
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Physician Workflows and Architectural Design

04:15 PM - 04:30 PM	Aristide Norman, MS Compute Automation Build Manager <i>Wells Fargo Enterprise Hosting Services (USA)</i>
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Physician Agent Development

04:30 PM - 04:45 PM	Corey Mastrianni AI Solutions Developer <i>Freelancer (USA)</i>
04:45 PM - 05:30 PM	Demonstration Workshop by the Panel



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B

Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD

Fellows : Arman Sourani, MD; Sushil Poudel, MBBS

Interns : Narjes Amiri; Clara Chen; Margaret Willis

NOC 13/C : Sunday, April 19, 2026 [10:30 AM - 12:00 PM]

CNS Metastasis Research : From Preclinical to Clinical Translation



Chirag Patel, MD, PhD
 Assistant Professor, Department of Neuro-Oncology
University of Texas MD Anderson Cancer Center (USA)

Systemic HER3 Ligand-Mimicking Nanoparticles Enter the Brain and Reduce Intracranial Tumour Growth

10:30 AM - 10:45 AM

Lali Medina Kauwe, PhD
 Professor, Department of Biomedical Sciences
Cedars-Sinai Medical Center (USA)

The Establishment and Utilization of Patient Derived Xenograft Models of Central Nervous System Metastasis

11:00 AM - 11:15 AM

Bodour Salhia, PhD
 Professor, Department of Cancer Biology
USC Keck School of Medicine (USA)

Metabolic Molecular Imaging in Glioblastoma : Implications for CNS Metastases Research

11:15 AM - 11:30 AM

Corinne Beinat, PhD
 Assistant Professor of Radiology (Molecular Imaging Program)
Stanford University School of Medicine (USA)

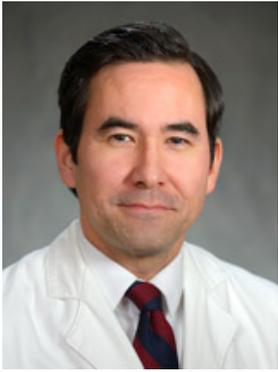
11:30 AM - 12:00 PM

Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B	
Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD	
Fellows : Arman Sourani, MD; Sushil Poudel, MBBS	
Interns : Narjes Amiri; Clara Chen; Margaret Willis	
NOC 14/C : Sunday, April 19, 2026 [01:30 PM - 3:00 PM]	
Molecular and Immunology Targeted Therapy of Malignant Brain Tumors	
	<p>Vicky Yamamoto, PhD Research Professor <i>USC Biomedical Engineering (USA)</i></p>
	<p>Jay Dorsey, MD, PhD Radiation Oncologist <i>Perelmann School of Medicine (USA)</i></p>
Detection of 2HG and Cystathionine by TE Optimized MR Spectroscopy in Brain Gliomas	
01:30 PM - 01:45 PM	<p>Vasileios Katsaros, MD, PhD, EQNR Senior Consultant Radiologist; Neuroradiologist <i>National and Kapodistrian University of Athens (Greece)</i></p>
Title To Be Decided	



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

01:45 PM - 02:00 PM	Vicky Yamamoto, PhD Research Professor <i>USC Biomedical Engineering (USA)</i>
Title To Be Decided	
02:00 PM - 02:15 PM	Jay Dorsey, MD, PhD Radiation Oncologist <i>Perelmann School of Medicine (USA)</i>
02:15 PM - 03:00 PM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuro-Oncology Consortium - Room 406 B	
Chairs : Reinhard Schulte, MD; Vicky Yamamoto, PhD; Chirag Patel, MD, PhD; Na Tosha Gatson, MD, PhD	
Fellows : Arman Sourani, MD; Sushil Poudel, MBBS	
Interns : Narjes Amiri; Clara Chen; Margaret Willis	
NOC 14/D : Sunday, April 19, 2026 [04:00 PM - 05:30 PM]	

Neuro-Psychology in Oncology



Kyle Noll, PhD
Associate Professor of Neuro-Oncology, Section of Neuro-Psychology
The University of Texas MD Anderson Cancer Center (USA)

Neuropsychological Assessment and Contributors to Impairment in Patients with CNS Tumors

04:00 PM - 04:15 PM	Jeffrey Wefel, PhD Professor of Neuro-Oncology, Section of Neuro-Psychology <i>The University of Texas MD Anderson Cancer Center (USA)</i>
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Relationships Between Use of Multimodal Brain Mapping in Patients with Primary Brain Tumors and Impact on Cognitive Outcomes and Quality of Life

04:15 PM - 04:30 PM	Kyle Noll, PhD Associate Professor of Neuro-Oncology, Section of Neuro-Psychology <i>The University of Texas MD Anderson Cancer Center (USA)</i>
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How Intraoperative Mapping and Monitoring can be Tailored for Identification of Eloquent Brain to Mitigate Surgical Risk in Brain Tumor Patients



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

04:30 PM - 04:45 PM	David Sabsevitz, PhD Associate Professor, Department of Psychiatry and Psychology <i>Mayo Clinic College of Medicine (USA)</i>
Neuromodulation and Rehabilitation Interventions to Improve Cognitive Impairment	
04:45 PM - 05:00 PM	Benjamin Hampstead, PhD Professor, Departments of Neurology and Psychiatry <i>University of Michigan School of Medicine (USA)</i>
05:00 PM - 05:30 PM	Panel Discussion - Q & A

Neuropsychiatry and Innovation Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuropsychiatry and Innovation Consortium - Room 406 A	
Chairs : David Baron, DO, MSEd; Theodoros Koutsomitros, MD, PhD; Nesrin Dilbaz, MD, PhD; Nevzat Tarhan, MD, PhD; Rajendra Badgaiyan, MD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
NPI 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
Anhedonia in Psychiatry: Symptom or Disease?	
	Nesrin Dilbaz, MD, PhD <i>Professor of Psychiatry</i> <i>Üsküdar University, Istanbul (Turkey)</i>
Anhedonia in Addiction	
08:30 AM - 08:45 AM	Nesrin Dilbaz, MD, PhD <i>Professor of Psychiatry</i> <i>Üsküdar University, Istanbul (Turkey)</i>
The Silence of the Reward System : Neuropsychiatric Foundations of Anhedonia	
08:45 AM - 09:00 AM	Nevzat Tarhan, MD, PhD <i>Professor of Psychiatry; Rector</i> <i>Üsküdar University, Istanbul (Turkey)</i>
From Dopamine to GDP : Linking Anhedonia to Economic Performance	
09:00 AM - 09:15 AM	Fırat Tarhan, MSc <i>Healthcare Executive</i> <i>NPİSTANBUL Brain Hospital, Istanbul (Turkey)</i>
Anhedonia in Depression	
09:15 AM - 09:30 AM	Alptekin Çetin, MD <i>Assistant Professor of Psychiatry</i> <i>Üsküdar University, Istanbul (Turkey)</i>
Anhedonia and Antidepressant Treatment	
09:30 AM - 09:45 AM	Maria Chatzatoglou, MSc <i>Integration Facilitator</i> <i>IOM Project (International Organization for Migration), Thessaloniki (Greece)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuropsychiatry and Innovation Consortium - Room 406 A	
Chairs : David Baron, DO, MEd; Theodoros Koutsomitros, MD, PhD; Nesrin Dilbaz, MD, PhD; Nevzat Tarhan, MD, PhD; Rajendra Badgaiyan, MD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
NPI 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]	
Development of Impulse Regulatory Capacity in the Adolescent Brain	
	C. Anderson Johnson, PhD University Professor; Chief Executive Officer <i>Claremont Graduate University; Community Translational Research Institute (CTRI); California (USA)</i>
The Potential for Purposeful Shaping of the Brain's Impulse Regulatory Capacity Through Community Environmental Intervention	
10:30 AM - 10:45 AM	David Baron, DO, MEd <i>Senior Scientist; Professor; Clinical Professor; Research Professor Community Translational Research Institute (CTRI); Western University of Health Sciences; Stanford University; Claremont Graduate University; California (USA)</i>
The Neurocognitive and Mental Health Impact of Environmental Degradation and Social Disruption Associated with Deforestation in the Mangrove Region of the Amazon River : A Pilot Study	
10:45 AM - 11:00 AM	Carlos Tomaz, MD, PhD <i>Professor of Environmental Studies and Neuroscience CEUMA University; São Luís (Brazil)</i>
Characterizing Functional Cortical Complexity Throughout Childhood Development	
11:00 AM - 11:15 AM	Kay Jann, PhD <i>Assistant Professor of Research Neurology Stevens Neuroimaging and Informatics Institute, University of Southern California (USC) Keck School of Medicine; Los Angeles, California (USA)</i>
Characterizing Functional Cortical Complexity Throughout Childhood Development	
11:15 AM - 11:30 AM	Steven Cen, PhD <i>Professor of Research Departments of Radiology, Neurology, and Radiation Oncology, USC Keck School of Medicine; Los Angeles, California (USA)</i>
Mental Health and Neurocognitive Function Relative to Impulse Regulation Among Adolescents in Mumbai, India	
11:30 AM - 11:45 AM	Aparna Jain, MD, MPH <i>Director, Community Engagement, PhD Candidate Community Translational Research Institute (CTRI); Claremont Graduate University; Mumbai (India) / California (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



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PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026 : Neuropsychiatry and Innovation Consortium - Room 406 A	
Chairs : David Baron, DO, MSEd; Theodoros Koutsomitros, MD, PhD; Nesrin Dilbaz, MD, PhD; Nevzat Tarhan, MD, PhD; Rajendra Badgaiyan, MD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
NPI 3/A : Thursday, April 16, 2026 [01:30 PM - 03:00 PM]	
Development of Impulse Regulatory Capacity in the Adolescent Brain	
	C. Anderson Johnson, PhD University Professor; Chief Executive Officer <i>Claremont Graduate University; Community Translational Research Institute (CTRI); California (USA)</i>
Remote Sensor and Mobile Imaging Technologies for Environmental and Brain Studies in Real-World Settings	
01:30 PM - 01:45 PM	Fabricio Brito Silva, PhD <i>Professor of Environmental Studies CEUMA University; São Luís (Brazil)</i>
Depression and Anxiety as Moderated by the Interaction of Impulse Regulatory Capacity and Disrupted Social Connectedness	
01:45 PM - 02:00 PM	Eusebio Alvaro, PhD, MPH <i>Associate Professor of Health Psychology; Associate Provost for Research; Senior Scientist Claremont Graduate University; Community Translational Research Institute (CTRI); California (USA)</i>
A Community Mental Health Worker–AI Coach and Extender : Findings from Pilot Developmental Studies	
02:00 PM - 02:15 PM	Alexandra Auslander, MS, MPH, PhD Associate Professor; Associate Research Professor; Senior Scientist <i>West Coast University; Claremont Graduate University; Community Translational Research Institute (CTRI); California (USA)</i>
A Community Mental Health Worker–AI Coach and Extender : Findings from Pilot Developmental Studies	
02:15 PM - 02:30 PM	Brain Meshkin, BA Chief Executive Officer <i>Humanity, Inc. (USA)</i>
Synthesis : A Model for Integrated Community Programming to Promote Optimal Neurocognitive Development in Childhood and Adolescence - Implications of the Findings Presented in This Symposium	
02:30 PM - 02:45 PM	C. Anderson Johnson, PhD University Professor; Chief Executive Officer <i>Claremont Graduate University; Community Translational Research Institute (CTRI); California (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuropsychiatry and Innovation Consortium - Room 406 A	
Chairs : David Baron, DO, MSEd; Theodoros Koutsomitros, MD, PhD; Nesrin Dilbaz, MD, PhD; Nevzat Tarhan, MD, PhD; Rajendra Badgaiyan, MD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
NPI 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]	
TMS Guidelines in Neuropsychiatric Disorders	
TMS Guidelines for Addiction	
	<p>Theodoros Koutsomitros MD, PhDc <i>Director ; Founder & Director</i> <i>SynaΨe: European Medical Institute of Psychotherapy & Brain Stimulation ; Greek rTMS clinic (Greece)</i></p>
	<p>Oğuz Tan, MD <i>Professor of Psychiatry</i> <i>Üsküdar University, Istanbul (Turkey)</i></p>
TMS Guidelines for Addiction	
04:00 PM - 04:15 PM	<p>Nesrin Dilbaz, MD, PhD <i>Professor of Psychiatry</i> <i>Üsküdar University, Istanbul (Turkey)</i></p>
TMS for Treatment Resistant Depression	
04:15 PM - 04:30 PM	<p>Madalena Hughes <i>Research Intern</i> <i>SBMT(USA)</i></p>
Transcranial Magnetic Stimulation in Obsessive-Compulsive Disorder	
04:30 PM - 04:45 PM	<p>Oğuz Tan, MD <i>Professor of Psychiatry</i> <i>Üsküdar University, Istanbul (Turkey)</i></p>
TMS and Pain	



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

04:45 PM - 05:00 PM	Albert Leung, MD Anesthesiologist, Clinical Professor <i>University of California San Diego, Veterans Medical Research Foundation (USA)</i>
05:00 PM - 05:30 PM	Panel Discussion - Q & A

Room 406 A : NPI 10/C Saturday, April 18, 2026 [10:30 AM - 11:15 AM] ANC SBMT 2027 Strategy Meeting

ANC SBMT 2026 : Neuropsychiatry and Innovation Consortium - Room 406 A	
Chairs : David Baron, DO, MEd; Theodoros Koutsomitros, MD, PhD; Nesrin Dilbaz, MD, PhD; Nevzat Tarhan, MD, PhD; Rajendra Badgaiyan, MD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	

NPI 13/D : Sunday, April 19, 2026 [08:30 AM - 10:00 AM]

Neuromodulation in Psychiatry



Keerthy Sunder, MD
Medical Director; Adjunct Professor
Karma TMS; Western University of Health Sciences; University of California, Riverside – Department of Psychiatry, California (USA)

Global Evolution and Future of TMS in Neuropsychiatry and Wellness

08:30 AM - 08:45 AM	Karan Narwal, MD <i>Founder and Consultant</i> <i>MyKohi; Karma Docs; BrainsWay; Clinical TMS Society; Tampa Chamber of Commerce, Tampa, Florida (USA)</i>
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XAIA and the Future of AI-Driven VR Neuromodulation

08:45 AM - 09:00 AM	Omer Liran, MD <i>Co-Director; Assistant Professor</i> <i>Cedars-Sinai Virtual Medicine; Department of Psychiatry & Behavioral Neurosciences, Cedars-Sinai Medical Center, Los Angeles, California (USA)</i>
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QEEG directed Neuromodulation in ADHD & ASD

09:00 AM - 09:15 AM	Michael Linden, PhD <i>Assistant Director, Integrative Neuropsychology</i> <i>Susan Samueli Integrative Health Institute, University of California, Irvine, California (USA)</i>
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Target Localization for TMS Coil Positioning Using Offline Brain-Mapping

09:15 AM - 09:30 AM	Egas Caparelli-Daquer, MD, PhD <i>Professor of Neurophysiology</i> <i>Rio de Janeiro State University, Rio de Janeiro (Brazil)</i>
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EXOMIND - A Paradigm Shift in Neuromodulation for Brain Wellness

09:30 AM - 09:45 AM	Keerthy Sunder, MD <i>Medical Director; Adjunct Professor</i> <i>Karma TMS; Western University of Health Sciences; University of California, Riverside – Department of Psychiatry, California (USA)</i>
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09:45 AM - 10:00 AM	Panel Discussion - Q & A
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23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuropsychiatry and Innovation Consortium - Room 406 A	
Chairs : David Baron, DO, MSEd; Theodoros Koutsomitros, MD, PhD; Nesrin Dilbaz, MD, PhD; Nevzat Tarhan, MD, PhD; Rajendra Badgaiyan, MD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes	
NPI 15/D : Sunday, April 19, 2026 [01:30 PM - 03:00 PM]	
Present State and Future Directions of TMS	
	<p>Theodoros Koutsomitros MD, PhDc <i>Director ; Founder & Director</i> <i>SynaΨe: European Medical Institute of Psychotherapy & Brain Stimulation ; Greek rTMS clinic (Greece)</i></p>
Transcranial Magnetic Stimulation (TMS) : A New Era of Mental Health Therapies	
01:30 PM - 01:45 PM	<p>Theodoros Koutsomitros MD, PhDc <i>Director ; Founder & Director</i> <i>SynaΨe: European Medical Institute of Psychotherapy & Brain Stimulation ; Greek rTMS clinic</i></p>
Present and future of Transcranial Magnetic Stimulation for Treatment Resistant Depression	
01:45 PM - 02:00 PM	<p>Jaime Adan, MD, PhD <i>CSO and Co-Founder</i> <i>Connectoma Neurotech (USA)</i></p>
The Next Wave of Neuromodulation Technologies in the Age of AI	
02:00 PM - 02:15 PM	<p>Nagy Youssef, MD, PhD <i>Vice President, Professor & Director</i> <i>Pine Rest Christian Mental Health, Michigan State University Division of Psychiatry and Behavioral Medicine – West Michigan (USA)</i></p>
Alpha-frequency Guided rTMS : Default Mode Network	
02:15 PM - 02:30 PM	<p>Elizabeth Jansen <i>Student</i> <i>University of Cincinnati (USA)</i></p>
TMS experience on Thessaloniki, Greece	
02:30 PM - 02:45 PM	<p>Evangelia Christina Vitsioti, MSc <i>Army officer</i> <i>424 General Military Hospital of Thessaloniki, Thessaloniki (Greece)</i></p>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



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PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Neuroradiology Consortium Schedule



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026 : Neuroradiology Consortium - Room 411 (Theatre)	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	
NRD 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
AI Beyond Detection - Clinical Integration in Neuroradiology	
	<p>Claudia Kirsch, MD, PhD, FACR Professor of Neuroradiology <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
	<p>Nancy Pham, MD Assistant Professor of Radiology <i>Stanford Health Care; Stanford University School of Medicine, Stanford, California (USA)</i></p>
AI in Skull Base Imaging	
08:30 AM - 8:45 AM	<p>Claudia Kirsch, MD, PhD, FACR Professor of Neuroradiology <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
Using AI for Stroke Prediction Comparing Handcrafted Radiomics vs. Latent Deep Learning Features for Hemorrhagic Stroke Outcome Prediction	
08:45 AM - 09:00 AM	<p>Ajay Malhotra, MBBS, MD, MMM, FACR Professor of Neuroradiology <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
Imaging Biomarkers for Detecting IDH Mutations and Monitoring Response to Novel Targeted Therapies: Current Insights and Future Perspective	
09:00 AM - 09:15 AM	<p>Mauro Hanaoka, MD, CIIP, DABR Neuroradiologist <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
Deep Learning Applications in Imaging of Stroke	
09:15 AM - 09:30 AM	<p>Nancy Pham, MD Assistant Professor of Radiology</p>



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Scientific Program Schedule

	<i>Stanford Health Care; Stanford University School of Medicine, Stanford, California (USA)</i>
AI / Computer Vision in the Angio Suite	
09:30 AM - 09:45 AM	Scott Raymond, MD, PhD Staff Physician <i>Cleveland Clinic Foundation, Cleveland, Ohio (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A
ANC SBMT 2026 : Neuroradiology Consortium - Room 411 (Theatre)	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	
NRD 2/A : Thursday, April 16, 2026 [10:00 AM - 11:30 AM]	
Quantitative & Advanced MRI as Imaging Biomarkers	
	Vasileios Katsaros, MD, PhD Consultant Neuroradiologist <i>National and Kapodistrian University of Athens, Athens (Greece)</i>
	Ana Franceschi, MD, PhD Director of Dementia Imaging <i>Northwell Health, New York (USA)</i>
Mapping Intra-tumoural Heterogeneity in Adolescent CNS Tumors using APT-CEST and 18F-choline PET-MRI	
10:00 AM - 10:15 AM	Harpreet Richardson, MBBS, MRCP, FRCR, PhD Consultant Neuroradiologist <i>University College London Hospitals (UCLH), London (United Kingdom)</i>
Advanced DWI in Assessing the Brain and Spinal Cord	
10:15 AM - 10:30 AM	Jennifer Becker, MD Neuroradiologist <i>Emory University School of Medicine, Atlanta, Georgia (USA)</i>
Neuroimaging in Dementia, ARIA-E and ARIA biomarkers	
10:30 AM - 10:45 AM	Ana Franceschi, MD, PhD Director of Dementia Imaging <i>Northwell Health, New York (USA)</i>
The Current State of Resting State Functional MRI Imaging	
10:45 AM - 11:00 AM	Behroze Vachha, MD, PhD Chief, Division of Neuroradiology <i>UMass Memorial Health; UMass Chan Medical School, Worcester, Massachusetts (USA)</i>



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Scientific Program Schedule

Quantitative Biomarkers Derived from Delta Maps and DSC-T2* Perfusion Imaging in Brain Tumor Patients	
11:00 AM - 11:15 AM	Kathleen Schmainda, PhD Professor of Radiology; Director, Quantitative Imaging Research <i>Medical College of Wisconsin, Milwaukee, Wisconsin (USA)</i>
11:15 AM - 11:30 AM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuroradiology Consortium - Room 411 (Theatre)	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	
NRD 3/A : Thursday, April 16, 2026 [01:30 PM - 03:00 PM]	

Radiomics, Radiogenomics & Precision Neuro-Oncology

	Mariam Aboian, MD, PhD Assistant Professor of Radiology <i>Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania (USA)</i>
	Mauro Hanaoka, MD, CIIP, DABR Assistant Professor of Radiology and Biomedical Imaging <i>Yale School of Medicine, New Haven, Connecticut (USA)</i>

Multidisciplinary Collaboration Infrastructure for Implementation of Radiomics to Neuro-Oncology Clinical Practice

01:30 PM - 02:00 PM [Featured Speaker]	Mariam Aboian, MD, PhD Assistant Professor of Radiology <i>Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania (USA)</i>
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BraTS-METS MICCAI Challenge: Brain Metastasis Segmentation, Inter-rater Variability, and Translation of Radiomics Research Tools to Clinical Practice

02:00 PM - 02:15 PM	Fatima Memon, MD Assistant Professor, Department of Radiology and Imaging Sciences <i>Emory University School of Medicine, Atlanta, Georgia (USA)</i>
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Radiogenomics in Metastatic Brain Tumors: Bridging Imaging and Molecular Profiling

02:15 PM - 02:30 PM	Maguy Farhat, MD Postdoctoral Research Fellow <i>University of Maryland (USA)</i>
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Advances in Primary Brain Tumor radiogenomic research and clinical implementation

02:30 PM - 02:45 PM	David Fussel, MD Assistant Professor, Department of Radiology <i>University of California Irvine (USA)</i>
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23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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02:45 PM - 03:00 PM	Panel Discussion - Q & A
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ANC SBMT 2026 : Neuroradiology Consortium - Room 411 (Theatre)	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	

NRD 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]

Emerging Neuroimaging Frontiers

	<p>Claudia Kirsch, MD, PhD, FACR Professor of Neuroradiology <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
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	<p>Behroze Vachha, MD, PhD Chief, Division of Neuroradiology <i>UMass Memorial Health; UMass Chan Medical School, Worcester, Massachusetts (USA)</i></p>
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The Role of 7T in MRI Brain Imaging

04:00 PM - 04:30 PM [Featured Speaker]	<p>Priti Balchandani, PhD Professor of Diagnostic, Molecular and Interventional Radiology <i>Icahn School of Medicine at Mount Sinai, New York, New York (USA)</i></p>
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G-lymphatic Imaging

04:30 PM - 04:45 PM	<p>Mai-Lan Ho, MD Professor; Vice Chair <i>University of Missouri School of Medicine; University of Missouri Health Care, Columbia, Missouri (USA)</i></p>
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Ex Vivo Brain MRI and Neuropathology

04:45 PM - 05:00 PM	<p>Alan Seifert, PhD Assistant Professor of Radiology <i>Icahn School of Medicine at Mount Sinai, New York, New York (USA)</i></p>
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Advanced Imaging Innovation in Brain Tumors



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

05:00 PM - 05:15 PM	Vasileios Katsaros, MD, PhD Consultant Neuroradiologist <i>National and Kapodistrian University of Athens, Athens (Greece)</i>
05:15 PM - 05:30 PM	Panel Discussion - Q & A

Room 406 B : NRAD 9/C Saturday, April 18, 2026 [09:15 AM - 10:00 AM] ANC SBMT 2027 Strategy Meeting

ANC SBMT 2026 : Neuroradiology Consortium - Room 409 B
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD
Fellows : Giridhar Solasa, MD
Interns : Madalena Hughes, Clara Chen

NRD 5/B : Friday, April 17, 2026 [08:30 AM - 10:00 AM]

Stroke Intervention 2.0 – Devices, Imaging & Decision-Making

	Vivek Yedavalli, MD, MS Associate Professor of Neuroradiology <i>Johns Hopkins University School of Medicine; Johns Hopkins Medicine, Baltimore, Maryland (USA)</i>
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	Mahmud Mossa-Basha, MD Professor of Radiology <i>University of Washington School of Medicine, Seattle, Washington (USA)</i>
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Imaging of Venous Outflow and Collateralization in Ischemic Stroke

08:30 AM - 09:30 AM [Featured Speaker]	Vivek Yedavalli, MD, MS Associate Professor of Neuroradiology <i>Johns Hopkins University School of Medicine; Johns Hopkins Medicine, Baltimore, Maryland (USA)</i>
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OEF Imaging

09:00 AM - 09:15 AM	Kambiz Nael, MD Professor of Radiology and Biomedical Imaging <i>University of California, San Francisco (UCSF), San Francisco, California (USA)</i>
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Updates in Pediatric Stroke Imaging



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

09:15 AM - 09:30 AM	<p align="center">Sarah Moum, MD Program Director, Pediatric Neuroradiology Fellowship <i>Ann & Robert H. Lurie Children's Hospital of Chicago; Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i></p>
The Next Frontier of Vessel Wall Imaging in Neurovascular Disease	
09:30 AM - 09:45 AM	<p align="center">Mahmud Mossa-Basha, MD Professor of Radiology <i>University of Washington School of Medicine, Seattle, Washington (USA)</i></p>
09:45 AM - 10:00 AM	Panel Discussion - Q & A

ANC SBMT 2026 : Neuroradiology Consortium - Room 409 B	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	

NRD 6/B : Friday, April 17, 2026 [10:00 AM - 11:30 AM]	
Expanding Indications in Endovascular Neurosurgery	

	<p>Amanda Baker, MD Neurointerventional Radiologist <i>Montefiore Einstein; Albert Einstein College of Medicine, New York, New York (USA)</i></p>
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	<p>Ian Marks, MD, MSM Radiologist <i>Mayo Clinic, Rochester, Minnesota (USA)</i></p>
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Current Trends in Carotid Revascularization: A Comparative Review of Carotid Endarterectomy, Carotid Angioplasty and Stenting, and Transcarotid Artery Revascularization [Virtual]	
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10:00 AM - 10:30 AM [Featured Speaker]	<p>Charles Matouk, MD Associate Professor of Neurosurgery; Radiology and Biomedical Imaging <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
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Expanding the Role of Extracranial Shunts [Virtual]	
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10:30 AM - 10:45 AM	<p>Andrew Koo, MD Hospital Resident <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
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**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
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Scientific Program Schedule

Advances in Stroke Work: Results of the Multinational, Multicenter Study on Factors Associated with Neurological Deterioration in Medium Vessel Acute Stroke	
10:45 AM - 11:00 AM	Amanda Baker, MD Neurointerventional Radiologist <i>Montefiore Einstein; Albert Einstein College of Medicine, New York, New York (USA)</i>
Advances in MRI and Photon Counting CT in Skull Base Imaging	
11:00 AM - 11:15 AM	Ian Marks, MD, MSM Radiologist <i>Mayo Clinic, Rochester, Minnesota (USA)</i>
11:15 AM - 11:30 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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ANC SBMT 2026 : Neuroradiology Consortium - Room 409 B	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	
NRD 7/B : Friday, April 17, 2026 [01:30 PM - 03:00 PM]	
Navigation & Image-Guided Intervention	
	<p>Amit Mahajan, MD Associate Professor of Radiology and Biomedical Imaging <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
	<p>Karen Tong, MD Neuroradiologist <i>Loma Linda University Health, Loma Linda, California (USA)</i></p>
(PEDS) Neuroimaging and Laser Ablation	
01:30 PM - 01:45 PM	<p>Karen Moeller, MD Neuroradiologist <i>Texas Children's Hospital; Baylor College of Medicine, Houston, Texas (USA)</i></p>
DBS	
01:45 PM - 02:15 PM [Featured Speaker]	<p>Zion Zibly, MD, MBA Associate Professor of Neurosurgery <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
AI - Icobrain Imaging Guided Localization	
02:15 PM - 02:30 PM	<p>Amit Mahajan, MD Associate Professor of Radiology and Biomedical Imaging <i>Yale School of Medicine, New Haven, Connecticut (USA)</i></p>
Susceptibility Imaging of Cerebral Hemorrhage, Microbleeds, and Hypoxia	
02:30 PM - 02:45 PM	<p>Karen Tong, MD Neuroradiologist <i>Loma Linda University Health, Loma Linda, California (USA)</i></p>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : Neuroradiology Consortium - Room 409 B	
Chairs : Claudia Francoise-Eve Kirsch, MD, PhD; Vasileios K. Katsaros, MD, PhD; Farzad Khalvati, MSc, PhD; Babak Kateb, MD, PhD	
Fellows : Giridhar Solasa, MD	
Interns : Madalena Hughes, Clara Chen	
NRD 8/B : Friday, April 17, 2026 [04:00 PM - 05:30 PM]	
Advances in Pediatric Neuroradiology	
	<p>Farzad Khalvati, MSc, PhD Associate Professor; Director of Radiology AI <i>University of Toronto; The Hospital for Sick Children (SickKids), Toronto, Ontario (Canada)</i></p>
	<p>Risto Filippi, MD Division Chief, Pediatric Neuroradiology <i>The Hospital for Sick Children (SickKids), Toronto, Ontario (Canada)</i></p>
AI for Precision Pediatric Neuroradiology: Opportunities, Future Directions, and Challenges	
01:30 PM - 01:45 PM	<p>Farzad Khalvati, MSc, PhD Associate Professor; Director of Radiology AI <i>University of Toronto; The Hospital for Sick Children (SickKids), Toronto, Ontario (Canada)</i></p>
Integrating Biology, Imaging, and AI in Pediatric Neuro-Oncology	
01:45 PM - 02:15 PM	<p>Ali Nabavizadeh, MD Associate Professor of Radiology <i>Children's Hospital of Philadelphia; Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania (USA)</i></p>
Navigating AI in Pediatric Brain: It's a Small World	
02:15 PM - 02:30 PM	<p>Kristen Woojeong Yeom, MD Associate Professor of Radiology <i>Lucile Packard Children's Hospital; Stanford University School of Medicine, Stanford, California (USA)</i></p>
Advances in Pediatric Neuroimaging for Tumor and Stroke	
02:30 PM - 02:45 PM	<p>Karuna Shekdar, MD, FASPNR Associate Professor of Radiology <i>Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania (USA)</i></p>
AI and Pediatric Neuroradiology: Where We Are and Where We Would Like To Be	
02:30 PM - 02:45 PM	<p>Risto Filippi, MD Division Chief, Pediatric Neuroradiology <i>The Hospital for Sick Children (SickKids), Toronto, Ontario (Canada)</i></p>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Neurosurgery Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA; Akitsugu Kawashima, MD

Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS

Interns : Huitzilitzli Negast, Narjes Amiri, Clara Chen

NSX 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]

Robotic Micro-Neurosurgery (Vascular, Lymphatics)



Abilash Haridas, MD, FAANS, FCNS, FABPNS
 Founder and Chief Executive Officer
Astra Neurosurgical Institute, Los Angeles (USA)

Lateral Supraorbital Approach for Aneurysm Surgery: Basic Concepts and Technical Advances

08:30 AM - 08:45 AM	Akitsugu Kawashima, MD, PhD Chief of Neurosurgery <i>St. Luke's International Hospital, Tokyo (Japan)</i>
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Current State & Future of Neuroendovascular & Microsurgical Robotics

08:45 AM - 09:00 AM	Omar Choudhri, MD, MHCI, FAANS, FACS Assistant Professor of Neurosurgery and Radiology <i>University of Pennsylvania, Philadelphia (USA)</i>
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Far Lateral Approach to Skull Base Tumors

09:00 AM - 09:15 AM	Abilash Haridas, MD, FAANS, FCNS, FABPNS Founder and Chief Executive Officer <i>Astra Neurosurgical Institute, Los Angeles (USA)</i>
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Minimally Invasive Robotic-assisted Carbon Fiber Instrumentation for Management of Spinal Tumors

09:15 AM - 09:30 AM	Sabareesh K Natarajan, MD, MS, FAANS, FCNS Neurosurgeon; Chief Executive Officer <i>Sharp HealthCare; Brain, Spine & Vascular Neuroscience Institute, San Diego (USA)</i>
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09:30 AM - 10:00 AM	Panel Discussion - Q & A
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23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A	
Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA; Akitsugu Kawashima, MD	
Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS	
Interns : Huitzililtzli Negast, Narjes Amiri, Clara Chen	
NSX 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]	
Advanced Reconstruction Techniques (AR, Endoscope, Trans-Orbital, ENT, Head and Neck)	
Endoscopic Endonasal Approach to Anterior Skull Base- Beyond Pituitary Lesions	
10:30 AM - 10:45 AM	Al Amin Salek, MD, MBBS, MRCS, FCPS, IFAANS Professor of Neurosurgery <i>Combined Military Hospital, Dhaka (Bangladesh)</i>
Orbitomaxillozygomatic (OMZ) Technique to Perplexing Cavernous Sinus and Skull Base Lesions	
10:45 AM - 11:00 AM	Esam Gaber, MD, PDD Professor of Neurosurgery and Skull Base Surgery <i>Faculty of Medicine, Alexandria University, Alexandria (Egypt)</i>
Frontal Trauma with Large Pneumocephalus	
11:00 AM - 11:15 AM	Ethan James Baughman, MD, PhD, FACS Plastics Surgeon <i>Private Practice (USA)</i>
Advances in Minimally Invasive Neurosurgery	
11:15 AM - 11:30 AM	Garni Barkhoudarian, MD Associate Professor of Neuroscience and Neurosurgery <i>Pacific Neuroscience Institute, Santa Monica (USA)</i>
Endoscopic Transorbital Neurosurgery, Anatomic Considerations, Surgical Case Series	
11:30 AM - 11:45 AM	Edisher Maghalashvili, MD, PhD Head of Neurosurgery Department <i>American Hospital Tbilisi (Georgia)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA; Akitsugu Kawashima, MD

Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS

Interns : Huitzililtli Negast, Narjes Amiri, Clara Chen

NSX 3/A : Thursday, April 16, 2026 [01:30 AM - 03:00 PM]

Cross Disciplinary Innovations (AI-powered Surgical Planning, Immunotherapy for Skullbase/Cerebral Tumors, MRI-guided Focus Ultrasound for Deep-seated AMVs and Metastatic Tumors, Bioengineered Grafts, Ramon Spectroscopy)

Benefits and Risks of Supra-Maximal Resection in Malignant Gliomas: Is It Worth It?

01:30 PM - 01:45 PM	Edmundo Luís Rodrigues Pereira MD, MSc, PhD Associate Professor of Neurology <i>Federal University of Pará (Brazil)</i>
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Minimally Invasive Epilepsy Surgery

01:45 PM - 02:00 PM	Aria Fallah, MD, MSc, MBA Associate Professor of Neurosurgery <i>University of California (USA)</i>
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White Matter Anatomy Applied to Glioma Surgery

02:00 PM - 02:15 PM	Igor DeCastro, MD Neurosurgeon <i>Georgia Neurosurgical Institute (USA)</i>
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Focused US for Treatment of Brain Lesion

02:15 PM - 02:30 PM	Zion Zibly, MD, MBA Neurosurgeon <i>Yale Medicine (USA)</i>
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AI-Enabled Real-Time Connectomics in Neurological Surgery: A Practical OR Case

02:30 PM - 02:45 PM	Maleeha Ahmad, MD, FRCS, FACS Neurosurgeon/Neurosurgical Oncologist <i>Private Practice (USA)</i>
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02:45 PM - 03:00 PM	Panel Discussion - Q & A
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23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA; Akitsugu Kawashima, MD

Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS

Interns : Huitzililtli Negast, Narjes Amiri, Clara Chen

NSX 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]

Brain and Heart Axis



Antonio F. Corno, MD, FRCS, FACC, FECTS, FHEA
Lecturer in Cardiovascular Science
Manchester Metropolitan University (UK)

Effects of Reduced Oxygen Supply to the Brain

04:00 PM - 04:15 PM

Antonio F. Corno, MD, FRCS, FACC, FECTS, FHEA
Lecturer in Cardiovascular Science
Manchester Metropolitan University (UK)

Modifiable Factors in the Pediatric ICU to Protect the Brain (Virtual)

04:15 PM - 04:30 PM

Gil Wernovsky, MD, FAAP, FACC
Emeritus Professor of Pediatric Cardiology and Cardiac Critical Care
George Washington University School of Medicine and Health Sciences (USA)

Neuromonitoring and Neurocognitive Outcomes in Cardiac Surgery (Virtual)

04:30 PM - 04:45 PM

Gudrun Kunst, MD, PhD, EDAIC, FRCA, FFICM
Consultant Anaesthetist & Professor of Cardiovascular Anaesthesia
King's College Hospital (UK)

Neurovascular and Brain Structural Changes in Congenital Heart Disease

04:45 PM - 05:00 PM

Rajesh Kumar, PhD
Professor of Anesthesiology and Radiological Sciences
University of California Los Angeles (USA)

Bridging Radiology and Surgery: Infrastructure and Communication Tools for Surgeon-Led Radiomics Research in Abdominal Aortic Aneurysms

05:00 PM - 05:15 PM

Edouard Aboian, MD
Associate Professor of Surgery (Vascular)
Yale School of Medicine, New Haven, Connecticut (USA)

05:15 PM - 05:30 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A	
Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA; Akitsugu Kawashima, MD	
Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS	
Interns : Huitzilitzli Negast, Narjes Amiri, Clara Chen	
NSX 5/B : Friday, April 17, 2026 [08:30 AM - 10:00 AM]	
Robotic Assisted Skullbase Surgery	
Skull Base Neurosurgery: My Experience with Hybrid Techniques	
08:30 AM - 08:45 AM	Al Amin Salek, MD, MBBS, MRCS, FCPS, IFAANS Professor of Neurosurgery <i>Combined Military Hospital, Dhaka (Bangladesh)</i>
Cerebellopontine Angle Tumors : My Surgical Approach	
08:45 AM - 09:00 AM	Augusto Cesar Santos Esmeraldo, MD Preceptor of Neurosurgery Residency Program <i>Hospital de Cirurgia (Brazil)</i>
Allocation and Preservation of the Frontotemporal Branch of the Facial Nerve During Skull Base Approaches	
09:00 AM - 09:15 AM	Esam Gaber, MD, PDD Professor of Neurosurgery and Skull Base Surgery <i>Faculty of Medicine, Alexandria University, Alexandria (Egypt)</i>
Robot-Assisted Ablative Epilepsy Surgery	
09:15 AM - 09:30 AM	Natesan Damodaran, MBBS, MCh, MSc Neurosurgeon <i>Rela Hospital (India)</i>
Chiari Malformations: Surgical Treatment	
09:30 AM - 09:45 AM	Igor DeCastro, MD Neurosurgeon <i>Georgia Neurosurgical Institute (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

Room 409 A : NSX 7/B

Friday, April 17, 2026 [01:30 PM - 02:15 PM]

ANC SBMT 2027 Strategy Meeting

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA; Akitsugu Kawashima, MD

Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS

Interns : Huitzililtli Negast, Narjes Amiri, Clara Chen

NSX 8/B : Friday, April 17, 2026 [04:00 PM - 05:30 PM]

Updates in Radiologic Assessment in CNS Disease

Nanotechnology for Imaging of Intracranial Aneurysms

04:00 PM - 04:15 PM	Behnam Rezai Jahromi, MD, PhD Associate Professor of Neurosurgery and Head of Neurosurgery Research Laboratory <i>Helsinki University Hospital and University of Helsinki (Finland)</i>
Overcoming Barriers to MR-Guided Focused Ultrasound: Sedation and Pain Control in Patients with Challenging Skull Characteristics or Claustrophobia	
04:15 PM - 04:30 PM	Alexander Papanastassiou, MD Professor of Neurosurgery <i>University of Texas Health Science Center at San Antonio (USA)</i>
Title To Be Decided	
04:30 PM - 04:45 PM	Charles Matouk, MD Associate Professor of Neurosurgery, Radiology, and Biomedical Imaging <i>Yale School of Medicine (USA)</i>
Adjuvant Image-Guided Radiation Therapy Reduces Surgical Invasiveness in Malignant Peripheral Nerve Sheath Tumors	
04:45 PM - 05:00 PM	Giuseppe E. Umana MD, PhD, MSc, FACS Professor <i>Kore University-Cannizzaro Hospital, Catania (Italy)</i>
05:00 PM - 05:30 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

**Chairs : Abilash Haridas, MD; Sabareesh Natarajan, MD; Antonio F. Corno, MD, FRCS, FACC, FETCS, FHEA;
Akitsugu Kawashima, MD**

Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS

Interns : Huitzililtzli Negast, Narjes Amiri, Clara Chen

NSX 9/C : Saturday, April 18, 2026 [08:30 AM - 10:00 AM]

Cerebral Revascularisation Advances (Maxillary Artery Bypass, IC-IC bypass)

Comprehensive Surgical Management of Moyamoya Disease Through Multiterritory Bypass Reconstruction

08:30 AM - 08:45 AM	Akitsugu Kawashima, MD, PHD Chief of Neurosurgery <i>St. Luke's International Hospital (Japan)</i>
Natural History of Brain Arteriovenous Malformation	
08:45 AM - 09:00 AM	Ali Alaraj, MD, MHA Professor of Neurosurgery <i>University of Illinois Chicago (USA)</i>
Technical Nuances in Trigeminal Neuralgia	
09:00 AM - 09:15 AM	Abilash Haridas, MD, FAANS, FCNS, FABPNS Founder and Chief Executive Officer <i>Astra Neurosurgical Institute, Los Angeles (USA)</i>
CAR-T Therapy in GBM: A Clinical/Surgical Perspective	
09:15 AM - 09:30 AM	Julio Inocencio, MD Neurosurgeon <i>City of Hope (USA)</i>
Historical Perspective on Surgery and Survival with Glioblastoma: A Secular Battle	
09:30 AM - 09:45 AM	Edmundo Luís Rodrigues Pereira MD, MSc, PhD Associate Professor of Neurology <i>Federal University of Pará (Brazil)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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Interns : Huitzilitzli Negast, Narjes Amiri, Clara Chen	
NSX 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]	
Flow Diversion and Endovascular Innovations	
Beyond Anatomy: The Role of Hemodynamics in Venous Sinus Stenosis	
10:30 AM - 10:45 AM	Ali Alaraj, MD, MHA Professor of Neurosurgery <i>University of Illinois Chicago (USA)</i>
Update on the Role of Mechanical Thrombectomy in Medium-Sized Vessel Occlusion Strokes	
10:45 AM - 11:00 AM	Ashkan Mowla, MD, FAHA, FAAN Neurointerventional Surgeon <i>Pacific Neuroscience Institute, St. John's Cancer Institute, Santa Monica (USA)</i>
Vertebrobasilar Dolichoectasia – A Multinational Study of 3 Continents	
11:00 AM - 11:15 AM	Behnam Rezai Jahromi, MD, PhD Associate Professor of Neurosurgery and Head of Neurosurgery Research Laboratory <i>Helsinki University Hospital and University of Helsinki (Finland)</i>
Flow Disruption for Treatment of Brain Aneurysms	
11:15 AM - 11:30 AM	Sabareesh K Natarajan, MD, MS, FAANS, FCNS Neurosurgeon; Chief Executive Officer <i>Sharp HealthCare; Brain, Spine & Vascular Neuroscience Institute, San Diego (USA)</i>
11:30 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

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NSX 11/C : Saturday, April 18, 2026 [01:30 PM - 03:00 PM]

Neuro-Ethics



Antonio F. Corno, MD, FRCS, FACC, FECTS, FHEA
Lecturer in Cardiovascular Science
Manchester Metropolitan University (UK)

Ethical Issues in Surgery

01:30 PM - 01:45 PM

Antonio F. Corno, MD, FRCS, FACC, FECTS, FHEA
Lecturer in Cardiovascular Science
Manchester Metropolitan University (UK)

Optics to Measure Brain Function in Critically Ill Infants with CHD

01:45 PM - 02:00 PM

Daniel Licht, MD
Professor
Emeritus University of Pennsylvania (USA)

Neuroprosthetics for Restoring Vision

02:00 PM - 02:15 PM

Martina Mustroph, MD
Neurosurgeon
Christus Health (USA)

Capable & Incapable Children (Virtual)

02:15 PM - 02:30 PM

Robert Wheeler
Pediatric and Neonatal Surgeon
Southampton University Hospital (UK)

Title to be decided (Virtual)

02:30 PM - 02:45 PM

David Lyreskog, PhD
Senior Neuroethics Researcher
Oxford Ethics and Humanities, Department of Psychiatry, University of Oxford (UK)

02:45 PM - 03:00 PM

Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
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ANC SBMT 2026: Neurosurgery Consortium - Room 409 A

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Akitsugu Kawashima, MD**

Fellows : Giridhar Solasa, MD; Shova Sapkota, MBBS

Interns : Huitzililtzli Negast, Narjes Amiri, Clara Chen

NSX 12/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]

Global Neurosurgery Initiatives

Africa's First SEEG Program in Cairo : An Indo-Egyptian Collaboration

04:00 PM - 04:15 PM	Natesan Damodaran, MBBS, MCh, MSc Neurosurgeon <i>Rela Hospital (India)</i>
Project "Surgicor"	
04:15 PM - 04:30 PM	Amin Tavallai, MD, MSc Pediatric Neurosurgeon <i>Macquarie University (AU)</i>
Title To Be Decided	
04:30 PM - 04:45 PM	Thameen Jaradat, MD Research Fellow <i>SBMT (USA)</i>
Title To Be Decided	
04:45 PM - 05:00 PM	Giridhar Solasa, MD Research Fellow <i>SBMT (USA)</i>
05:00 PM - 05:30 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Neurotechnology Consortium I Schedule



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTI 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
Ultrasound : Super Resolution	
	Pengfei Song, PhD Associate Professor <i>Duke University (USA)</i>
Transcranial, Non-Invasive Whole-Brain Vascular Mapping with Ultrasound Localization Microscopy: From Single Capillaries to Graph Representations	
08:30 AM - 08:45 AM	Jean Provost, PhD Professor <i>Polytechnique Montréal (CA)</i>
Brain-wide Super-resolution Functional Ultrasound Localization Microscopy with Wearable Ultrasound	
08:45 AM - 09:00 AM	Pengfei Song, PhD Associate Professor <i>Duke University (USA)</i>
Advancing Transcranial Ultrasound for in Vivo Human Brain Imaging	
09:00 AM - 09:15 AM	Aiguo Han, PhD Assistant Professor <i>Virginia Tech University (USA)</i>
From Light to Sound: Imaging, Treating, and Building Tissues at Depth	
09:15 AM - 09:30 AM	Junjie Yao, PhD Assistant Professor <i>Duke University (USA)</i>
Acoustic Transparency Enabling Functional Ultrasound Imaging Through Mouse and Ex-vivo Human Skulls	
09:30 AM - 09:45 AM	Yaoheng Mack Yang, PhD Assistant Professor <i>University of Southern California (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

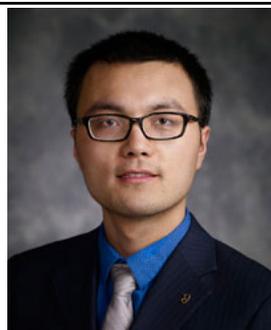
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]

Nanoneuro : Toolkits for Systemic CNS Access



Zhenpeng Qin, PhD
Associate Professor
University of Texas at Dallas (USA)

Redefining the Blood-Brain Barrier Interface: From Barrier to Biofactory

10:30 AM - 10:45 AM

Oscar A Marcos-Contreras, PhD
Assistant Professor
Temple University (USA)

Minimally Invasive and Cell-Specific Delivery to Brain and Spinal Cord

10:45 AM - 11:00 AM

Zhenpeng Qin, PhD
Associate Professor
University of Texas at Dallas (USA)

Ultrasound Mechanotransduction Microscopy

11:00 AM - 11:15 AM

Fan Wei
PhD student
University of Southern California (USA)

Breaking Barriers in Non-Viral CNS Delivery of Gene Therapies

11:15 AM - 11:30 AM

Nitin Joshi, PhD
Assistant Professor
Brigham Women's Hospital (USA)

11:30 AM - 12:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

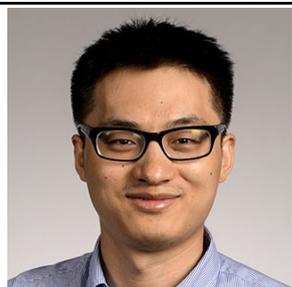
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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 3/A : Thursday, April 16, 2026 [01:30 AM - 03:00 PM]

MEMS/NMES : Neuroelectronics and neurochemical sensing



Yi Zhang, PhD
Associate Professor
University of Connecticut (USA)

Expanding the Target Toolkit for Wearable and Implantable Sensors

01:30 PM - 01:45 PM

Anne M. Andrews, PhD
Professor
University of California Los Angeles (USA)

Biofuel Cell-Inspired Chemical Sensors for Monitoring Glutamate in Mammalian Central Nervous System

01:45 PM - 02:00 PM

Jinghua Li, PhD
Assistant Professor
Ohio State University (USA)

Field Effect Transistor Biosensors Based on Metal Oxide Nanoribbons

02:00 PM - 02:15 PM

Chongwu Zhou, PhD
Full professor
University of Southern California (USA)

Stabilized Carbon Coated Microelectrodes for Scalable Electrophysiology and Neurotransmitter Sensing

02:15 PM - 02:30 PM

Dongyeol Jang
PhD student
Dartmouth College (USA)

02:30 PM - 03:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

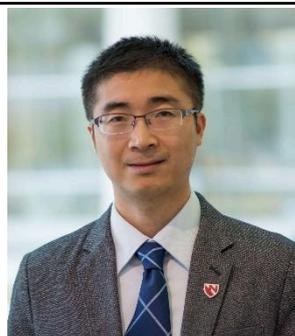
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]

3D Printing Session 1 - Biomanufacturing and Biofabrication



Bin Duan, PhD
Associate Professor
University of Nebraska Medical Center (USA)

Multimodal Data Integration and Computational Modeling of Patient-Specific Glioblastoma Progression

04:00 PM - 04:15 PM	Parag Katira, PhD Professor <i>San Diego State University (USA)</i>
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Completing the Circuit: Advanced hiPSC-Based Models of the Peripheral Nervous System for Disease Modeling and Drug Discovery

04:15 PM - 04:30 PM	Vince Truong, PhD COO and Co-Founder <i>Anatomic (USA)</i>
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Cardiovascular Tissue Viscoelasticity: The Overlooked Key to Physiology

04:30 PM - 04:45 PM	Zhijie Wang, PhD Assistant Professor <i>San Diego State University (USA)</i>
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Bioengineered Platforms for Targeted Peripheral Nerve Repair

04:45 PM - 05:00 PM	Bin Duan, PhD Associate Professor <i>University of Nebraska Medical Center (USA)</i>
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Motion-assisted 3D Printing for Large-scale Microstructure Fabrication

05:00 PM - 05:15 PM	Han Xu, PhD Assistant Professor <i>Texas Tech University (USA)</i>
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05:15 PM - 05:30 PM	Panel Discussion - Q & A
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23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 5/B : Friday, April 17, 2026 [08:30 AM - 10:00 AM]

Ultrasound : Ultrasound in Neuromodulation



Qifa Zhou, PhD
Professor
University of Southern California (USA)

Intelligent Ultrasound-Based Precision Surgical Navigation System

08:30 AM - 08:45 AM	Jian-xing Wu, PhD Assistant Professor <i>National Sun-Yat-Sen University (Taiwan)</i>
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Ultrasound-inducible Cellular Engineering in Immunotherapy

08:45 AM - 09:00 AM	Jenny Yunjia Qu, PhD Postdoc <i>University of Southern California (USA)</i>
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Data-driven Optimization of Ultrasound Neuromodulation Protocols

09:00 AM - 09:15 AM	Tommaso Di Ianni, PhD Assistant Professor <i>University of California San Francisco (USA)</i>
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Smart, High-Fidelity Transcranial Ultrasound for Precision Brain Mapping and Therapy

09:15 AM - 09:30 AM	Costas Arvanitis, PhD Associate Professor <i>Georgia Institute of Technology (USA)</i>
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Photoacoustic imaging of brains: adaptations to non-human primate model and mouse model

09:30 AM - 09:45 AM	Xueding Wang, PhD Professor <i>University of Michigan (USA)</i>
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09:45 AM - 10:00 AM	Panel Discussion - Q & A
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23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

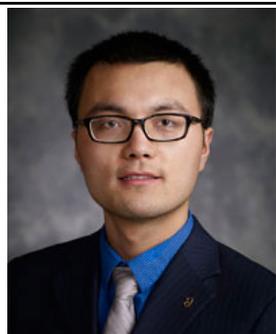
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 6/B : Friday, April 17, 2026 [10:30 AM - 12:00 PM]

Nano Neuro : Precision Delivery Across the Neuroaxis



Zhenpeng Qin, PhD
Associate Professor
University of Texas at Dallas (USA)

Intravenous Administration of Blood-brain Barrier-crossing Conjugates Facilitates Oligonucleotide Transport into Central Nervous System

10:30 AM - 10:45 AM

Chang Wang, PhD
Assistant Professor
University of Oklahoma (USA)

Tailoring the Biodistribution and Activity of CSF-administered siRNA Conjugates via Structural and Functional Modifications

10:45 AM - 11:00 AM

Ethan Scott Lippman, PhD
Associate Professor
Vanderbilt University (USA)

Nanoparticle Orchestrating Muscle-Brain Cross-Talks

11:00 AM - 11:15 AM

Hyunjoon Kong, PhD
Professor
University of Illinois Urbana-Champaign (USA)

Synthetic TGF- β Receptors Rewire and Amplify Sonogenetic CAR-T Cell Therapy

11:15 AM - 11:30 AM

Linshan Zhu, PhD
Postdoctoral Researcher
University of Southern California (USA)

11:30 AM - 12:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

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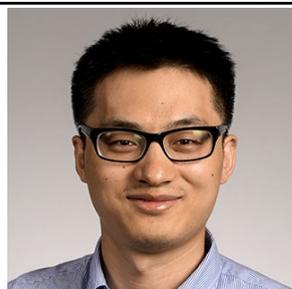
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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 7/B : Friday, April 17, 2026 [01:30 PM - 03:00 PM]

MEMS/NMES : Neuroelectronics and Neurochemical Sensing



Yi Zhang, PhD
Associate Professor
University of Connecticut (USA)

Implantable Bioelectronics and Microfluidics to Unlock Brain Chemistry

01:30 PM - 01:45 PM

Yi Zhang, PhD
Associate Professor
University of Connecticut (USA)

Additive Manufacturing of Soft Devices for Neural Interface

01:45 PM - 02:00 PM

Tao Zhou, PhD
Assistant Professor
Pennsylvania State University (USA)

Soft Electronics and Machine Learning for neurotransmitter sensing

02:00 PM - 02:15 PM

Jinxing Li, PhD
Assistant Professor
Michigan State University (USA)

Microfluidics for Organoids

02:15 PM - 02:30 PM

Xueju Wang, PhD
Associate Professor
University of Connecticut (USA)

02:30 PM - 03:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 8/B : Friday, April 17, 2026 [04:00 PM - 05:30 PM]

3D Printing - Biomanufacturing and Biofabrication



Yang Yang, PhD
Assistant Professor
San Diego State University (USA)

Bioprinting the Next Generation of Tissue Analogues for Biomedical Applications

04:00 PM - 04:15 PM

Liqun Ning, PhD
Assistant Professor
Cleveland State University (USA)

Multiscale Biofabrication with Physiological Materials for Building Functional Tissues

04:15 PM - 04:30 PM

Michael Mak, PhD
Associate Professor
Stony Brook University (USA)

Fusing Sound-active Biomaterials and Focused Ultrasound Technology for Deep-tissue Minimally Invasive Surgery

04:30 PM - 04:45 PM

Xiao Kuang, PhD
Assistant Professor
University of Wisconsin-Madison (USA)

Advanced Manufacturing of Multifunctional Surfaces and Structures

04:45 PM - 05:00 PM

Ketki Lichade, PhD
Assistant Professor
State University of New York at Buffalo (USA)

05:00 PM - 05:30 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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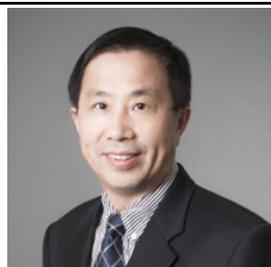
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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 9/C : Saturday, April 18, 2026 [08:30 AM - 10:00 AM]

Ultrasound : Ultrasound Medical Device



Qifa Zhou, PhD
Professor
University of Southern California (USA)

Fully Integrated Wearable Ultrasound Devices for Deep Tissue Monitoring

08:30 AM - 08:45 AM

Muyang Lin, PhD
Postdoctoral Researcher
University of California San Diego (USA)

3D Printing of Transducer for Neuro Stimulation

08:45 AM - 09:00 AM

Yang Yang, PhD
Assistant Professor
San Diego State University (USA)

New Technology of Ultrasound Devices for Brain-Interface

09:00 AM - 09:15 AM

Teng Ma, PhD
Professor
Shenzhen Institutes of Advanced Technology (China)

Development of Bioadhesive and Wearable Focused Ultrasound Transducer System for Long-Term Neuromodulation

09:15 AM - 09:30 AM

Huiliang Wang, PhD
Assistant Professor
The University of Texas at Austin (USA)

Acoustic Brain Sweeper for Accelerating Glymphatic Clearance

09:30 AM - 09:45 AM

Jinhyoung Park, PhD
Associate Professor
Sungkyunkwan University (South Korea)

09:45 AM - 10:00 AM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]

Nano Neuro: Targeted Neuro-Nano Therapeutics From TBI to Neurodegeneration



Jingjing Gao, PhD
Assistant Professor
UMass Amherst (USA)

Nose-to-brain Delivery of Antagomir to Attenuate Neuroinflammation after TBI

10:30 AM - 10:45 AM

Jingjing Gao, PhD
Assistant Professor
UMass Amherst (USA)

Mapping Proteolytic Activity in the Injured Brain

10:45 AM - 11:00 AM

Ester Kwon
Associate Professor
University of California San Diego (USA)

Engineering Nanotherapeutics for Neonatal Brain Injury

11:00 AM - 11:15 AM

Elizabeth Nance, PhD
Associate Professor
University of Washington (USA)

Brain Accumulating Nanoparticles for Neurodegenerative and Neuro-oncology Applications

11:15 AM - 11:30 AM

Shanta Dhar, PhD
Associate Professor
University of Miami (USA)

11:30 AM - 12:00 PM

Panel Discussion - Q & A



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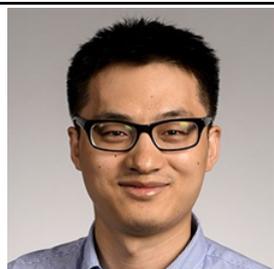
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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 11/C : Saturday, April 18, 2026 [01:30 PM - 03:00 PM]

MEMS/NMES : Microfluidics and Biosensing



Yi Zhang, PhD
Associate Professor
University of Connecticut (USA)

Body-interfaced Bimolecular Sensors

01:30 PM - 01:45 PM

Wei Gao, PhD
Professor
California Institute of Technology (USA)

Bioelectronics for the Brain and Gut

01:45 PM - 02:00 PM

Yasser Khan, PhD
Assistant Professor
University of Southern California (USA)

Aptamer-based Optical Biosensors for the Real-time Detection of Neuromodulators in the Brain

02:00 PM - 02:15 PM

Amani Hariri, PhD
Assistant Professor
University of British Columbia (CA)

A Biochemical Sensor with Continuous Extended Stability in Vivo

02:15 PM - 02:30 PM

Yihang Chen, PhD
Postdoctoral Researcher
Massachusetts Institute of Technology (USA)

02:30 PM - 03:00 PM

Panel Discussion - Q & A



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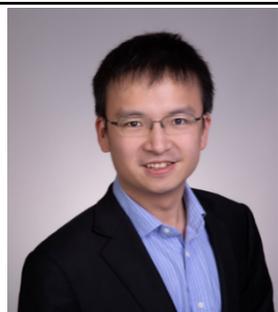
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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 12/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]

Neurophotonics



Huiliang Wang, PhD
Assistant Professor
UT Austin (USA)

Accelerating Fluorescent Sensor Engineering for Neuroscience with Machine Learning and High-Throughput Platforms

04:00 PM - 04:15 PM

Andre Berndt, PhD
Associate Professor
University of Washington (USA)

Engineered Viral and Molecular Platforms for Precision Manipulation of Neural Subtypes

04:15 PM - 04:30 PM

Lief Fenno, PhD
Assistant Professor
UT Austin (USA)

Engineering Optical Tools for Multiplexed Brain Circuit Imaging and Control

04:30 PM - 04:45 PM

Masatoshi Inoue, PhD
Assistant Professor
Washington University in St Louis (USA)

All-optical Recording and Precise Optogenetic Dynamical Restoration of Learning in Alzheimer's Disease-related Model Mice

04:45 PM - 05:00 PM

Ted Ho, PhD
Assistant Professor
UT Austin (USA)

Designing High-intensity, Multicolored Organic Nanoparticles for Sono-optogenetics

05:00 PM - 05:15 PM

Huiliang Wang, PhD
Assistant Professor
UT Austin (USA)

05:15 PM - 05:30 PM

Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

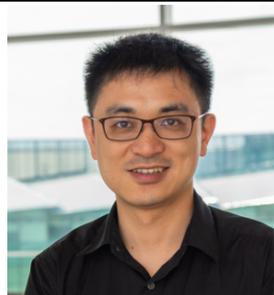
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 13/D : Sunday, April 19, 2026 [08:30 AM - 10:00 AM]

Ultrasound: Ultrasound Imaging



You (Leo) Li, PhD
Assistant Professor
UT Dallas (USA)

Label-free Super-Resolution Color Flow Ultrasound Imaging

08:30 AM - 08:45 AM

Zhengchang Kou, PhD
Postdoctoral Researcher
University of Illinois Urbana-Champaign (USA)

High-Frame-Rate Ultrasound Monitoring of Cerebral Blood Flow

08:45 AM - 09:00 AM

Alfred Yu, PhD
Professor
University of Waterloo (USA)

A Novel Approach to Harnessing Acoustic A-Lines to Detect Circulating Tumor Cells in Flowing Blood

09:00 AM - 09:15 AM

Raiyan Zaman, PhD
Assistant Professor
UT Southwest Medical Center (USA)

A Dual-Modal Wearable Ultrasound-EMG Platform for Real-Time Decoding of Arm and Finger Movements

09:15 AM - 09:30 AM

Lin Zhang, PhD
Assistant Professor
SUNY Buffalo (USA)

Four-Dimensional (4D) Ultrasound Shear Wave Elastography Using Sequential Excitation

09:30 AM - 09:45 AM

Xin Sun
PhD student
University of Southern California (USA)

09:45 AM - 10:00 AM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 14/D : Sunday, April 19, 2026 [10:30 AM - 12:00 PM]

Nanoneuro : Strategic BBB Control to Therapeutic Activation



Qi Cai, PhD
Assistant Professor
Louisiana State University (USA)

Transient Optical Transparency for Deep Live Tissue Imaging

10:30 AM - 10:45 AM

Guosong Hong, PhD
Assistant Professor
Stanford University (USA)

Acoustically Activatable Liposomes as a Translational Nanotechnology for Site-targeted Drug Delivery and Noninvasive Neuromodulation

10:45 AM - 11:00 AM

Raag Airan, PhD
Associate Professor
Stanford University (USA)

Unlocking the Brain: Advanced Strategies for Controllable Blood-Brain Barrier Opening

11:00 AM - 11:15 AM

Qi Cai, PhD
Assistant Professor
Louisiana State University (USA)

Ultrasound Platforms for Targeted Delivery, Imaging, and Immunomodulation in the Brain

11:15 AM - 11:30 AM

Tao Sun, PhD
Assistant Professor
Northeastern University (USA)

11:30 AM - 12:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

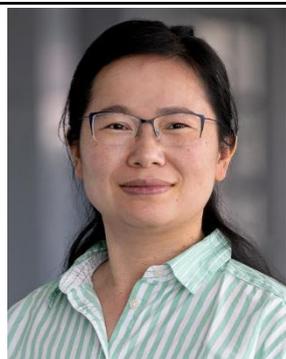
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 15/D : Sunday, April 19, 2026 [01:30 AM - 03:00 PM]

Neurophotonics



Wenjing Wang, PhD
Associate Professor
University of Michigan (USA)

Molecular Recorders for Activity-dependent Protein Tagging in the Brain

01:30 PM - 01:45 PM

Tina Kim, PhD
Assistant Professor
Princeton University (USA)

Development of Molecular Tools for Neuroscience and Optogenetics Through Directed Evolution

01:45 PM - 02:00 PM

Mateo Sanchez, PhD
Faculty
Cambridge University (UK)

Engineering of Rapid Protein Sensors and Data Analysis Technologies for Probing Neural Circuits

02:00 PM - 02:15 PM

Yiyang Gong, PhD
Associate Professor
University of Oklahoma Health Science Center (USA)

Building a Mechanistic Model of the Drosophila Memory System by Integrating Connectomics and Voltage Imaging

02:15 PM - 02:30 PM

Cheng Huang, PhD
Assistant Professor
Washington University in St Louis (USA)

Genetically Encoded Tools for Recording and Controlling Endogenous GPCR Signaling

02:30 PM - 02:45 PM

Wenjing Wang, PhD
Associate Professor
University of Michigan (USA)

02:45 PM - 03:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology I - Room 403 AB

Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTI 16/D : Sunday, April 19, 2026 [04:00 PM - 05:30 PM]

Ultrasound : Ultrasound Stimulation



Gengxi Lu, PhD
Research Scientist
Meta (USA)

An Ultrasound Scanning in Vivo LightSource for Dynamic Neuromodulation

04:00 PM - 04:15 PM

Guosong Hong, PhD
Assistant Professor
Stanford University (USA)

Use of Ultrasound for Sleep Apnea Applications: From Diagnosis to Treatment

04:15 PM - 04:30 PM

Johnson Huang, PhD
Professor
National Cheng Kung University (Taiwan)

Acoustic Hologram for Patterned Retina Stimulation

04:30 PM - 04:45 PM

Junfei Li, PhD
Assistant Professor
Purdue University (USA)

Magnetoelastic Generators for Self-Powered Neurostimulation

04:45 PM - 05:15 PM

Jun Chen, PhD
Associate Professor
University of California Los Angeles (USA)

05:15 PM - 05:30 PM

Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Neurotechnology Consortium II Schedule



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

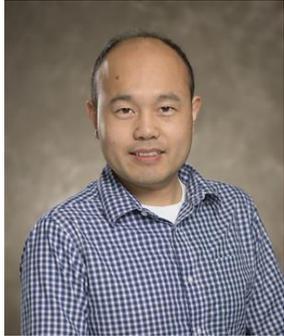
Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 6/B : Friday, April 17, 2026 [10:30 AM - 12:00 PM]	
Immunocellular Therapeutics, Biomaterials and Tissue Engineering (Session I)	
	Shaoting Lin, PhD Assistant Professor <i>Michigan State University (USA)</i>
Ultrasound-triggered Nanoparticles for On-demand Anesthesia	
10:30 AM - 10:45 AM	Wei Zhang, Ph.D. Assistant Professor <i>University of Pittsburgh (USA)</i>
Network-Topology Design of Extreme Soft Materials for Merging Human-Machine Interface	
10:45 AM - 11:00 AM	Shaoting Lin, PhD Assistant Professor <i>Michigan State University (USA)</i>
Tissue-like Soft and Stretchable Bioelectronics for Neural Interfaces	
11:00 AM - 11:15 AM	Tao Zhou, PhD Assistant Professor <i>Pennsylvania State University (USA)</i>
Beyond Passive Barriers: Lipid Membranes, Structured Water, and Electromagnetic Interactions as Functional Neural Biomaterials	
11:15 AM - 11:30 AM	Marco Cavaglia, PhD Professor <i>Politecnico di Torino (Italy)</i>
Acoustic Micro-Tapping Optical Coherence Elastography in the Cornea	
11:30 AM - 11:45 AM	Ivan Pelivanov, PhD Full Professor <i>University of Washington (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 7/B : Friday, April 17, 2026 [01:30 PM - 03:00 PM]	
MEMS/NMES : Neuroelectronics and Neurochemical Sensing	
	Aiguo Han, PhD Assistant Professor <i>Virginia Tech University (USA)</i>
	Ahmed El Kaffas Associate Professor <i>University of California San Diego (USA)</i>
Automated Assessment of Parkinson's Disease Using Transcranial Sonography: Multimodal Deep Learning with Clinical Attributes, Radiomics, and Deep Features	
01:30 PM - 01:45 PM	Hongyu Kang, PhD Graduate <i>Stanford University (USA) /Hong Kong Polytechnic University (China)</i>
Advancing Ultrasound Imaging through the Integration of Machine Learning and Wave Physics	
01:45 PM - 02:00 PM	Youzuo Lin, PhD Associate Professor <i>University of North Carolina at Chapel Hill (USA)</i>
Neural Operators and Diffusion Models Over Function Spaces for Imaging	
02:00 PM - 02:15 PM	Lu Lu, PhD Assistant Professor <i>Yale University (USA)</i>
Deep Learning Innovations for Compressive Functional Ultrasound Imaging	
02:15 PM - 02:30 PM	Tommaso Di Ianni, PhD Assistant Professor <i>University of California San Francisco (USA)</i>
02:30 PM - 03:00 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 9/C : Saturday, April 18, 2026 [08:30 AM - 10:00 AM]	
3D-Printing	
	Lin Jiang, PhD Assistant Professor <i>San José State University (USA)</i>
Investigating Suck–Swallow–Breathe Coordination, Oral Pressure, and Sensory-Motor patterns in Newborns	
08:30 AM - 08:45 AM	Lin Jiang, PhD Assistant Professor <i>San José State University (USA)</i>
Wireless Battery-free and Fully Implantable Neural Interfaces for the Central and Peripheral Nervous System	
08:45 AM - 09:00 AM	Philipp Gutruf, PhD Associate Professor <i>University of Arizona (USA)</i>
Vascularized Neuroimmune Organoids for Alzheimer's Modeling and Drug Discovery	
09:00 AM - 09:15 AM	Ranjie Xu, PhD Assistant Professor <i>Purdue University (USA)</i>
Wireless Closed-Loop Neuromodulation Systems for Bladder Function Restoration	
09:15 AM - 09:30 AM	Zhengwei Li, PhD Assistant Professor <i>University of Houston (USA)</i>
Multimodal Neurotechnologies for Studying Multisensory Integration and Sensory Effort	
09:30 AM - 09:45 AM	Yi Yuan, PhD Assistant Professor <i>San José State University (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

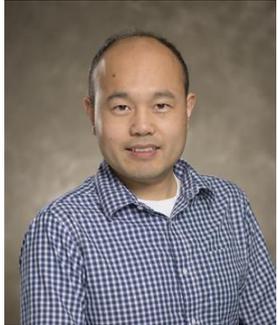
Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]	
Immunocellular Therapeutics, Biomaterials and Tissue Engineering (Session II)	
	Hsiao-chuan Liu, PhD Assistant Professor <i>UMass Amherst (USA)</i>
Tuning Hyaluronic Acid Microstructures and Viscoelasticity for Regenerative Medicine Applications	
10:30 AM - 10:45 AM	Jie Song, PhD Professor <i>UMass Chan Medical School (USA)</i>
Development of a Full-Spectrum Flow Cytometry Panel for Immune Monitoring in Glioblastoma	
10:45 AM - 11:00 AM	Enzi Jang, MD, PhD Senior Scientist <i>(USA)</i>
Recapitulating Organ Microstructure and Function through Volumetric Imaging	
11:00 AM - 11:15 AM	Yichen Ding, PhD Assistant Professor <i>UT Dallas (USA)</i>
Ultrasound-based Optical Coherence Elastography in Tissue Engineering	
11:15 AM - 11:30 AM	Hsiao-Chuan Liu, PhD Assistant Professor <i>UMass Amherst (USA)</i>
From Vision to Precision Medicine: Smart Contact Lenses for Continuous Monitoring and Closed-Loop Therapy	
11:30 AM - 11:45 AM	Yangzhi Zhu, PhD Assistant Professor <i>Terasaki Institute for Biomedical Innovation / Indiana University (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 11/C : Saturday, April 18, 2026 [01:30 PM - 03:00 PM]	
AI (Session I)	
	Aiguo Han, PhD Assistant Professor <i>Virginia Tech University (USA)</i>
	Ahmed El Kaffas Associate Professor <i>University of California San Diego (USA)</i>
Real-Time Dental Tissue Assessment Using Machine Learning	
01:30 PM - 01:45 PM	Haowei Tai, PhD Postdoctoral Researcher <i>University of Michigan (USA)</i>
A Multi-Input Self-Attention Model for Cancer-Drug Resistance Prediction: Dissecting the Determinants of Model Generalization	
01:45 PM - 02:00 PM	Junyu Nan, PhD PhD Student <i>University of Southern California (USA)</i>
AI-powered Ultrasound Diagnostics and Therapeutics for Human Brain Health	
02:00 PM - 02:15 PM	Jae Youn Hwang, PhD Associate Professor <i>Daegu Gyeongbuk Institute of Science and Technology (South Korea)</i>
3D Dynamic Contrast Enhanced Ultrasound (DCE-US) characterization of Focal Liver Lesions	
02:15 PM - 02:30 PM	Yuanshan Wu, PhD Postdoctoral Researcher <i>University of California San Diego (USA)</i>
[Insert Title Here]	
02:30 PM - 02:45 PM	Anthony Chang, MD, MBA, MPH, MS Chief Intelligence and Innovation Officer <i>Children's Hospital of Orange County (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 12/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]	
Immunocellular Therapeutics, Biomaterials and Tissue Engineering (Session III)	
	Piotr Kijanka, PhD Associate Professor <i>AGH University of Krakow (Poland)</i>
Microporous Hydrogel Interfaces for Spatially Precise Molecular Delivery in the Nervous System	
04:00 PM - 04:15 PM	Siyuan Rao, PhD Assistant Professor <i>Binghamton University (USA)</i>
Translating Neural Membrane Biophysics into Testable Neurotechnology Frameworks	
04:15 PM - 04:30 PM	Marco Cavaglia, PhD Professor <i>Politecnico di Torino (Italy)</i>
Ocular Hypertension-Induced Glaucoma and Therapeutic Interventions	
04:30 PM - 04:45 PM	Qianbin Wang, PhD Assistant Professor <i>Binghamton University (USA)</i>
Stretchable Bioelectronics for Conformal Sensing on Soft Tissues	
04:45 PM - 05:00 PM	Hangbo Zhao, PhD Assistant Professor <i>University of Southern California (USA)</i>
2D Phase Velocity Elastography Over an Extended Frequency Band for Viscoelastic Biomaterial Characterization	
05:00 PM - 05:15 PM	Piotr Kijanka, PhD Associate Professor <i>AGH University of Krakow (Poland)</i>
05:15 PM - 05:30 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)

Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD

Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD

Interns : Madalena Hughes

NTII 13/D : Sunday, April 19, 2026 [08:30 AM - 10:00 AM]

Neuromodulation (Session I)



Chengzhi Shi, PhD
Associate Professor
University of Michigan (USA)



Joanna Mattis, MD
Assistant Professor
University of Michigan (USA)

Seizure-evoked Activity Patterns of Candidate Subcortical Neuromodulation Targets

08:30 AM - 08:45 AM | **Joanna Mattis, MD**
Assistant Professor
University of Michigan (USA)

Cerebellar Neuromodulation to Enhance Chronic, Post-stroke Rehabilitation

08:45 AM - 09:00 AM | **Ken Baker, PhD**
Assistant Professor
Cleveland Clinic (USA)

Interactions Between the Cerebellum and Seizure Networks

09:00 AM - 09:15 AM | **Martha Streng, PhD**
Assistant Professor
University of Minnesota (USA)

Neuroplasticity in the Parkinsonian State

09:15 AM - 09:30 AM | **Thomas Wichmann, MD**
Professor
Emory University (USA)

The Fasciola Cinereum as an Interventional Target in Epilepsy

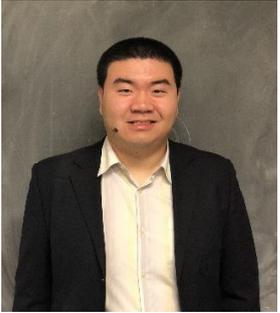
09:30 AM - 09:45 AM | **Quynh Anh Nguyen, PhD**
Assistant Professor
Vanderbilt University (USA)

09:45 AM - 10:00 AM | **Panel Discussion - Q & A**



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
Chairs : You (Leo) Li, PhD; Gengxi Alex Lu, PhD; Qifa Zhou, PhD; Pengfei Song, PhD	
Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 14/D : Sunday, April 19, 2026 [10:30 AM - 12:00 PM]	
Neuromodulation (Session II)	
	Chengzhi Shi, PhD Associate Professor <i>University of Michigan (USA)</i>
	Joanna Mattis, MD. Assistant Professor <i>University of Michigan (USA)</i>
Optimized Design of Focused Ultrasound Transducers for Transcranial Deep-brain Neuromodulation in a Rodent Model	
10:30 AM - 10:45 AM	Jingfei Liu, PhD Assistant Professor <i>Texas Tech University (USA)</i>
Focused Ultrasound Transducers for Transcranial Neural Stimulations	
10:45 AM - 11:00 AM	Xiaoning Jiang, PhD Professor <i>North Carolina State University (USA)</i>
Imaging and Sensing Methods for Guidance, Monitoring and Controlled Delivery of Transcranial Focused Ultrasound Therapies	
11:00 AM - 11:15 AM	Emad Ebbini, PhD Professor <i>University of Minnesota (USA)</i>
Non-invasive Sonogenetics Pacemaker	
11:15 AM - 11:30 AM	Chen Gong, PhD Postdoctoral Researcher <i>Harvard University (USA)</i>
Evolutionary Entropy as an Organizing Principle of Adaptive Brain Dynamics	
11:30 AM - 11:45 AM	Tommaso Firaux Graduate Student <i>University of Modena and Reggio Emilia (Italy)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Neurotechnology II - Room 411 (Theatre)	
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Fellows : Giridhar Solasa, MD; Thameen Jaradat, MD; Yushun Zeng, PhD	
Interns : Madalena Hughes	
NTII 15/D : Sunday, April 19, 2026 [01:30 AM - 03:00 PM]	
AI (Session II)	
Title To Be Decided	
01:30 PM - 02:00 PM [Featured Speaker]	Anthony Chang, MD, MBA, MPH, MS Chief Intelligence and Innovation Officer <i>Children's Hospital of Orange County (USA)</i>
Title To Be Decided	
02:00 PM - 02:15 PM	Amin Tavallii, MD, MSc Pediatric Neurosurgeon <i>Macquarie Medical School (AU)</i>
Title To Be Decided	
02:15 PM - 02:30 PM	Sofia Pillai, PhD Associate Professor <i>Amity University (India)</i>
02:30 PM - 03:00 PM	Panel Discussion - Q & A

Room 411 : NT 5/B Friday, April 17, 2026 [08:30 AM - 10:00 AM] ANC SBMT 2027 Strategy Meeting



Optometry and Ophthalmology Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
Why Eye Testing Should Become Brain Testing	
	Deborah Zelinsky, OD Founder; Optometric Clinician and Clinical Researcher <i>Mind-Eye Institute; Mind-Eye Connection, PC (USA)</i>
Setting the Framework for Brain Testing	
08:30 AM - 08:45 AM	Deborah Zelinsky, OD Founder; Optometric Clinician and Clinical Researcher <i>Mind-Eye Institute; Mind-Eye Connection, PC (USA)</i>
The Role of Vision in Trauma to the Brain	
08:45 AM - 09:00 AM	Leighton Reynolds, PhD Director/Treatment and Tools <i>Trauma / Southern California (USA)</i>
The Neurobiology of Awe and the Role of the Peripheral Retina	
09:00 AM - 09:15 AM	Chap Atwell, MD, MPH President <i>Khleber Chapman Atwell MD PC (USA)</i>
Update of Neuro-Optometric Treatment of TBI and PTSD	
09:15 AM - 09:30 AM	Robert Wilson, MD Attending Physician <i>Helping Hands Clinic; New Hope Clinic, North Carolina (USA)</i>
Headache as it Relates to Eyes and Vision	
09:30 AM - 09:45 AM	Lernik Torossian, OD, FAAO Assistant Professor of Clinical Ophthalmology <i>Keck School of Medicine of the University of Southern California (USC), Los Angeles, California (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]	
Optic Nerve Pathways	
	Melanie Woodhouse, OD Owner <i>Eye Four Eye (Australia)</i>
Sleep as it Relates to Eyes and Vision	
10:30 AM - 10:45 AM	Lernik Torossian, OD, FAAO Assistant Professor of Clinical Ophthalmology <i>Keck School of Medicine of the University of Southern California (USC), Los Angeles, California (USA)</i>
Optic Nerve Pathways Through the LGN	
10:45 AM - 11:00 AM	Roxana Beladi, DO Neurosurgeon <i>Henry Ford Health System, Detroit, Michigan (USA)</i>
Timolol Eye Drops and FL41 Tint for Migraines	
11:00 AM - 11:15 AM	Carrie Sypherd, OD Owner <i>Behavioral Vision (USA)</i>
Optic Nerve Modulation by the Prefrontal Cortex	
11:15 AM - 11:30 AM	Melanie Woodhouse, OD Owner <i>Eye Four Eye (USA)</i>
The Conceptualization Issue	
11:30 AM - 11:45 AM	Leighton Reynolds, PhD Director, Treatment and Tools <i>Trauma / Southern California (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD, Jonathan Hall, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 3/A : Thursday, April 16, 2026 [01:30 AM - 03:00 PM]	
Accessory Optic System and Blindsight	
	Lillian Chen Byerley, OTR/L Owner <i>Sensible Kids (USA)</i>
How Head Position Influences Posture	
01:30 PM - 01:45 PM	Lillian Chen Byerley, OTR/L Owner <i>Sensible Kids (USA)</i>
Seeing Without Knowing: Exploring the Visual Pathway and Agnosia	
01:45 PM - 02:00 PM	Briza Brooks, OD, FAAO Assistant Professor of Optometry <i>Western University of Health Sciences, College of Optometry, Pomona, California (USA)</i>
Perceived Postural Changes Relative to Retinal Processing	
02:00 PM - 02:15 PM	Maxwell Scott Janczak, PT, DPT Associate Professor of Anatomy, Neuroanatomy, and Neuroscience <i>Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i>
Eye and Head Coordination in Marksmanship of Military Service Members after mTBI	
02:15 PM - 02:30 PM	Weimin Zheng, PhD Senior Neuroscientist <i>Naval Health Research Center (NHRC) / Leidos, San Diego, California (USA)</i>
The Superior Colliculus' Role in Blindsight and Its Connection with the Accessory Optic System	
02:30 PM - 02:45 PM	Paul Rousseau, MS, OD, FOVDR Developmental Optometrist <i>Lifetime Eyecare (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 4/A : Thursday, April 16, 2026 [04:00 PM - 05:30 PM]	
Visuo-Vestibular System	
	<p>Svetlana Masgutova, PhD Founder and Creator, MNRI® / Masgutova Method®; Founder, Masgutova Graduate School of NeuroDevelopmental Sciences <i>Svetlana Masgutova Educational Institute®, Orlando, Florida (USA)</i></p>
How Esotropia Influences Spatial Perception	
04:00 PM - 04:15 PM	<p>Ran Ever-Hadani, BSc Staff Data Engineer <i>Lore Health (USA)</i></p>
Relationship Between Visual, Vestibular and Motor Processing	
04:15 PM - 04:30 PM	<p>Maxwell Scott Janczak, PT, DPT Associate Professor of Anatomy, Neuroanatomy and Neuroscience <i>Northwestern University Feinberg School of Medicine, Chicago, Illinois (USA)</i></p>
Progress in Visual Reflexes in Individuals with Post-Trauma : Based on Study of Brain Maps and Immunity Markers	
04:30 PM - 05:00 PM [Featured Speaker]	<p>Nelli Akhmatova, PHD Professor of Immunology <i>Svetlana Masgutova Educational Institute®, Orlando, Florida (USA)</i></p>
Visual organization in ADHD using Concept and Intervention of Reflex Neuromodulation: Based on Brain Maps' Progress	
05:00 PM - 05:15 PM	<p>Isabelle Renard-Fontaine, MSPT Faculty <i>Svetlana Masgutova Educational Institute®, Orlando, Florida (USA)</i></p>
05:15 PM - 05:30 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 5/B : Friday, April 17, 2026 [08:30 AM - 10:00 AM]	
Measuring Technology	
	Michael Drzewiecki, DC, DACN Director of Clinical Neuroscience <i>The Neurologic Wellness Institute (USA)</i>
Triangle of Development : Vestibular, Eyes, and Ears	
08:30 AM - 09:00 AM [Featured Speaker]	Laura Hanson, DC, MS, QEEG-DL, DICCP, NDT, BCN, CAS Founder <i>Private Practice (USA)</i>
Pupillometry and Blast Exposure	
09:00 AM - 09:15 AM	David Keyser Department Director <i>Uniformed Services University School of Medicine (USA)</i>
Multimodal Integrative Therapy Models : Combining Behavioral, Occupational, Medical, and Social Interventions	
09:15 AM - 09:30 AM	Marianna Newsam, OTR/L Occupational Therapist <i>Inspire to Achieve (USA)</i>
Convergence Excess Following Concussion: Clinical Patterns and Neurological Implications	
09:30 AM - 09:45 AM	Michael Drzewiecki, DC, DACNB Director of Clinical Neuroscience <i>The Neurologic Wellness Institute (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



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Scientific Program Schedule

Room 404 A : O&O 6/B

Friday, April 17, 2026 [10:30 AM - 12:00 PM]

ANC SBMT 2027 Strategy Meeting

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A

Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD

Fellows : Sushil Poudel, MBBS

Interns : Catherine Bloom

O&O 7/B : Friday, April 17, 2026 [01:30 PM - 03:00 PM]

Screening Methods



Carrie Sypherd, OD
Owner
Behavioral Vision (USA)

Hospital-based Vision Assessments and Rehabilitation

01:30 PM - 01:45 PM

Valerie Quan, OD
Associate Professor of Optometry
Western University of Health Sciences, College of Optometry, Pomona, California (USA)

Neuroptek for Diagnosis of Concussion in Rural Settings

01:45 PM - 02:00 PM

Carrie Sypherd, OD
Owner
Behavioral Vision (USA)

Cranial Nerve Testing: A Gateway to Mapping Brain Function

02:00 PM - 02:15 PM

Paul Brewer, OD
Chief Executive Officer; Assistant Professor
Diverge Performance; Carrick Institute (USA)

Visual Processing IS the Science of Teachable Intelligence

02:15 PM - 02:30 PM

Donalee Markus, PhD
Founder
Designs for Strong Minds (USA)

How to Test for Convergence Insufficiency

02:30 PM - 02:45 PM

Matthew Antonucci, DC, DACNB, FACFN, FICC
Professor of Neurology
Carrick Institute; Orlando College of Osteopathic Medicine, Orlando, Florida (USA)

02:45 PM - 03:00 PM

Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 8/B : Friday, April 17, 2026 [04:00 PM - 05:30 PM]	
Imaging	
	Doug Major, OD, FAAO, CCHP Clinician; Certified Health Provider <i>Neuro-Optometric Rehabilitation Association (NORA) (USA)</i>
Hyperspectral Imaging : From Pixels to Prognosis - Clinical Applications of Hyperspectral Imaging in Diabetes	
04:00 PM - 04:15 PM	Dave Anderson Vice President, Clinical and Medical Affairs <i>Optina Diagnostics (Canada)</i>
Mapping Hallucinations in the Brain	
04:15 PM - 04:30 PM	Briza Brooks, OD, FAAO Assistant Professor of Optometry <i>Western University of Health Sciences, College of Optometry, Pomona, California (USA)</i>
OCT Documentation : Retinal Thinning as a Biomarker of Traumatic Brain Injury	
04:30 PM - 04:45 PM	Alexandra Talaber, OD, FOVDR, FAAO Neuro-Optometrist; Founder <i>Neuro-Vision Therapy Institute (USA)</i>
Brain Imaging Changes after Eye Movement Therapy	
04:45 PM - 05:00 PM	Doug Major, OD, FAAO, CCHP Clinician; Certified Health Provider <i>Neuro-Optometric Rehabilitation Association (NORA) (USA)</i>
Implication of Whole-Brain : 3-Dimensional (3D) Histological Mapping for Pathology and Biomarker Discovery	
05:00 PM - 05:15 PM	Jacopo Annese, PhD Chief Executive Officer <i>The Brain Observatory, San Diego, California (USA)</i>
05:15 PM - 05:30 PM	Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 9/C : Saturday, April 18, 2026 [08:30 AM - 10:00 AM]	
Speech and Language	
	Jonathan Hall, OD Clinician <i>Private Practice, Los Angeles/San Diego, California (USA)</i>
How Visual and Auditory ADHD Processing Contribute to Dyslexia	
08:30 AM - 09:00 AM [Featured Speaker]	Lynda G. Detweiler, MA, CCC-SLP Speech-Language Pathologist <i>Encinitas Learning Center, Encinitas, California (USA)</i>
Visual Factors Impacting Speech Processing in ADHD and Dyslexia	
09:00 AM - 09:15 AM	Jonathan Hall, OD Clinician <i>Private Practice, Los Angeles/San Diego, California (USA)</i>
Eliciting Oral Language in a Child with Autism using Visual Cues	
09:15 AM - 09:30 AM	Sheryl Nissen, MA, CCC-SLP Speech-Language Pathologist <i>Encinitas Learning Center, Encinitas, California (USA)</i>
Speech as Active Inference: A Predictive Processing Framework for Language	
09:30 AM - 09:45 AM	Joseph Kleman Founder and Innovator <i>Move Therapy (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]	
Neuroplasticity	
	Rosalie Hopkins, OD Neuro-Optometrist <i>Hopkins Eye Center (USA)</i>
Eye Movements and Emotions	
10:30 AM - 10:45 AM	Rosalie Hopkins, OD Neuro-Optometrist <i>Hopkins Eye Center (USA)</i>
Competitive Adaptive Surfers with Vision Impairments	
10:45 AM - 11:00 AM	Maureen Johnson, PhD, MS, OT/L, BCPR, C/NDT, CHSE-A Associate Professor of Occupational Therapy <i>University of St Augustine for Health Sciences, San Marcos Campus (USA)</i>
Brain Neuroplasticity Effects of Visual Reflex Intervention : Brain Maps, Neurotransmitters, and Immunity Analyses	
11:00 AM - 11:15 AM	Nelli Akhmatova, PhD Professor of Immunology <i>Svetlana Masgutova Educational Institute®, Orlando, Florida (USA)</i>
Neuroplasticity and Rehabilitation of Vision at Any Age	
11:15 AM - 11:30 AM	Alexandra Talaber, OD, FOVDR, FAAO Neuro-Optometrist <i>Neuro-Vision Therapy Institute (USA)</i>
DIR/Floortime Model : Going for the Gleam in the Eye, Implications for Co-Regulation in Treatment	
11:30 AM - 11:45 AM	Sandy Ansari, MA, ET/IP Educational Therapist and Brain Health Coach <i>Center for Educational Therapy (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 11/C : Saturday, April 18, 2026 [01:30 PM - 03:00 PM]	
Autoimmune and Neurodegenerative Conditions	
	Marianna Newsam, OTR/L Occupational Therapist <i>Inspire to Achieve (USA)</i>
Neuroplasticity at Work : The Science of SuperAging	
01:30 PM - 01:45 PM	Donalee Markus, Ph.D. Founder <i>Designs for Strong Minds (USA)</i>
The Effect of Inflammation on Myopia	
01:45 PM - 02:00 PM	Marianna Newsam, OTR/L Occupational Therapist <i>Inspire to Achieve (USA)</i>
Parkinson's Related Motor Changes and Visual Dysfunction : Strategies to Enhance Visuomotor Coordination	
02:00 PM - 02:15 PM	Gina Kim, OT Senior Occupational Therapist <i>Pacific Neuroscience Institute, Santa Monica, California (USA)</i>
How Degenerating Brains React to Forms of Auditory Stimuli	
02:15 PM - 02:30 PM	Lillian Chen Byerley Owner <i>Sensible Kids (USA)</i>
Gen2 Meta Glasses "Be My Eyes" for the Legally Blind Population Including Neurodegeneration from Glaucoma	
02:30 PM - 02:45 PM	Zhihong Jewel Hu, PhD Scientist, Senior Research Engineer <i>Doheny Eye Institute at UCLA (USA)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 12/C : Saturday, April 18, 2026 [04:00 PM - 05:30 PM]	
Neurodivergence	
	Terry Tsang, OD Optometrist <i>Private Practice, Irvine, California (USA)</i>
The NERD Model: A Peer-Reviewed and Published Model for Persisting Concussive Dysfunction	
04:00 PM - 04:15 PM	Matthew M. Antonucci, DC, DACNB, FACFN, FICC Professor of Neurology & Assistant Professor of Neurology <i>Carrick Institute & Orlando College of Osteopathic Medicine (USA)</i>
MNRI Reflex Neuromodulation Intervention for ADHD: Positive Brain Mapping Results	
04:15 PM - 04:30 PM	Isabelle Renard-Fontaine, MSPT Faculty <i>Svetlana Masgutova Educational Institute®, Orlando, Florida (USA)</i>
Ocular Motor Dysfunction and Neuropsychiatric Manifestation of Mycotoxins and Tick-Borne Illnesses	
04:30 PM - 04:45 PM	Sergio F. Azzolino, DC, FNP-C, DACNB, FACFN Clinic Director; Assistant Professor of Neurology; President <i>Azzolino Clinic; Carrick Institute; American Chiropractic Neurology Board (USA)</i>
Paralympic Vision Classification for Para Sports	
04:45 PM - 05:00 PM	Maureen Johnson, PhD, MS, OT/L, BCPR, C/NDT, CHSE-A Associate Professor of Occupational Therapy <i>University of St Augustine for Health Sciences, San Marcos Campus (USA)</i>
05:00 PM - 05:30 PM	Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 13/D : Sunday, April 19, 2026 [08:30 AM - 10:00 AM]	
New Discoveries	
	<p>Peter Guhl, OD Chief Executive Officer <i>CVT Neuro-Optometric Rehab; Select / Riverside Rehabilitation Hospital (USA)</i></p>
Clinical Applications of Meta Glasses for Patients with Visual Impairment	
08:30 AM - 08:45 AM	<p>Alisa Molina, OD Neuro / Low Vision Rehabilitation Resident <i>Western University of Health Sciences, College of Optometry, Pomona, California (USA)</i></p>
Integrating Oculomics and Cardiac Imaging to Unveil Neurovascular Dysregulation in HIV : A Multimodal Study Using Pupillometry, Fundus Imaging, and Cardiac MRI	
08:45 AM - 09:00 AM	<p>Delia DeBuc, PhD Chief Executive Officer <i>iScreen 2 Prevent, LLC (USA)</i></p>
Visual Snow Syndrome	
09:00 AM - 09:15 AM	<p>Terry Tsang, OD Optometrist <i>Private Practice, Irvine, California (USA)</i></p>
Quantum Physiology	
09:15 AM - 09:45 AM [Featured Speaker]	<p>Peter Guhl, OD Chief Executive Officer <i>CVT Neuro-Optometric Rehab; Select / Riverside Rehabilitation Hospital (USA)</i></p>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



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Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 14/D : Sunday, April 19, 2026 [10:30 AM - 12:00 PM]	
What The Eye Can Tell You	
	Robert Wilson, MD Attending Physician <i>Helping Hands Clinic; New Hope Clinic, North Carolina (USA)</i>
Using Eye Movements as Biomarkers for Dynamic Brain Function	
10:30 AM - 10:45 AM	Doug Major, OD, FAAO, CCHP Clinician; Certified Health Provider <i>Neuro-Optometric Rehabilitation Association (NORA) (USA)</i>
What Darkness Reveals About Post-Concussive Oculomotor Control	
10:45 AM - 11:00 AM	Michael Drzewiecki, DC, DACNB Director of Clinical Neuroscience <i>The Neurologic Wellness Institute (USA)</i>
Neurotransmitters and the Iris	
11:00 AM - 11:15 AM	Michael Salas, PhD Doctorate of Naturopathy <i>Holistic Health Center (USA)</i>
Optimization of Brain Performance for Athletes	
11:15 AM - 11:30 AM	Jeffrey McWhorter D.C., M.S. Owner/Director of True Performance <i>True Performance (USA)</i>
The Iris as a Photoreceptor	
11:30 AM - 11:45 AM	Peter Guhl, O.D. Chief Executive Officer <i>CVT Neuro-Optometric Rehab; Select / Riverside Rehabilitation Hospital (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 15/D : Sunday, April 19, 2026 [01:30 AM - 03:00 PM]	
Influencers of Visual Function: Electromagnetic Fields and Concussions	
	<p>Larry B. Wallace, O.D., Ph.D Director of Education <i>The College of Syntonic Optometry (USA)</i></p>
Vision × Breath: Two Dials for Nervous System Control	
01:30 PM - 01:45 PM	<p>Kenneth Jay, PhD Chief Research Officer; Associate Professor of Human Performance <i>Cervello; Carrick Institute (Denmark)</i></p>
Microcurrent Therapy for Treatment of Retinal Disease	
01:45 PM - 02:00 PM	<p>Larry B. Wallace, O.D., Ph.D. Director of Education <i>The College of Syntonic Optometry (USA)</i></p>
Concussion Recovery/Prevention	
02:00 PM - 02:15 PM	<p>Jeffrey McWhorter D.C., M.S. Owner/Director of True Performance <i>True Performance (USA)</i></p>
Efferent Motor Changes Based on Sensory Input Mismatches	
02:15 PM - 02:30 PM	<p>Deborah Zelinsky, OD Founder; Optometric Clinician and Clinical Researcher <i>Mind-Eye Institute; Mind-Eye Connection, PC (USA)</i></p>
Uses for Meta Glasses and Meta Display	
02:30 PM - 02:45 PM	<p>Tina MacDonald, OD Assistant Clinical Professor <i>Western University of Health Sciences, College of Optometry, Pomona, California (USA)</i></p>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026: Optometry and Ophthalmology Consortium - Room 404 A	
Chairs : Deborah Zelinsky, OD; Zhihong Jewel Hu, PhD; Delia de Buc, PhD; Peter Guhl, OD	
Fellows : Sushil Poudel, MBBS	
Interns : Catherine Bloom	
O&O 16/D : Sunday, April 19, 2026 [04:00 PM - 05:30 PM]	
Evolution of Eye Care into Brain Care: Hands-on Workshop	
	Zhihong Jewel Hu, PhD Neuroscientist <i>Jules Stein Eye Institute (USA)</i>
Evolution of Eye Care into Brain Care: The Visual Cortex [1880 - 1980]	
04:00 PM - 04:15 PM	Jacopo Annese, PhD CEO <i>The Brain Observatory, San Diego, California (USA)</i>
Evolution of Eye Care into Brain Care: Discovery of Vestibular and Cerebellar Interactions [1980 to 2002]	
04:15 PM - 04:30 PM	Kenneth Jay, PhD Chief Research Officer; Associate Professor of Human Performance <i>Cervello; Carrick Institute (Denmark)</i>
Evolution of Eye Care into Brain Care: Discovery of ipRGC cells [2003 to 2025]	
04:30 PM - 04:45 PM	Zhihong Jewel Hu, PhD Neuroscientist <i>Jules Stein Eye Institute (USA)</i>
Evolution of Eye Care into Brain Care : Optic Nerve Linkage with the Prefrontal Cortex	
04:45 PM - 05:00 PM	Melanie Woodhouse, OD Owner <i>Eye Four Eye (Australia)</i>
Hands on Evolution of Eye Care	
05:00 PM - 05:15 PM	Chap Atwell, MD President <i>Khleber Chapman Attwell MD PC</i>
05:15 PM - 05:30 PM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

PMNR Consortium Schedule



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : PMNR - Room 409 B	
Chairs : Bingtao Alan Lin, BM, MSc, MD, MBA; Houman Badrzadeh, DO	
Fellows : Thameen Jaradat MD, Arman Sourani MD	
Interns : Narjes Amiri	
PMNR 2/A : Thursday, April 16, 2026 [10:30 AM - 12:00 PM]	
PMNR I : Neuromodulation and Stimulation Science	
Neuromodulation for Cancer-Related Pain: Expanding Indications Beyond Benign Disease	
10:30 AM - 10:45 AM	Lee Nguyen, MD Pain Physician and Anesthesiologist <i>UC Davis Health Department (USA)</i>
Peripheral Nerve Stimulation as a Foundational Modality in Modern Pain Management	
10:45 AM - 11:00 AM	David Lee, MD Interventional Spine and Pain Management <i>UC Irvine (USA)</i>
Spinal Stimulation as Network Medicine: Redefining Pain Treatment Paradigms	
11:00 AM - 11:15 AM	Bingtao Alan Lin, BM, MSc, MD, MBA President and Chief Physician <i>Ortho-Gen Pain Management and Sports Medicine (USA)</i>
Neuroplasticity with Pharmacotherapy. Ketamine's Role in Pain Management	
11:15 AM - 11:30 AM	Jaisha Mathew, MD Associate Professor and Interventional Pain Physician <i>City of Hope (USA)</i>
Supportive Medical Role in Pain Management	
11:30 AM - 11:45 AM	Houman Badrzadeh, DO Internal Med Hospitalist - Supportive & Palliative Care <i>City of Hope - Kindred - St Jude (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



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PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026 : PMNR - Room 409 A	
Chairs : Bingtao Alan Lin, BM, MSc, MD, MBA; Houman Badrzadeh, DO	
Fellows : Thameen Jaradat MD, Arman Sourani MD	
Interns : Narjes Amiri	
PMNR 6/B : Friday, April 17, 2026 [10:30 AM - 12:00 PM]	
PMNR II	
From Clinic to Consulting: AI for Pain Medicine Specialists	
10:30 AM - 10:45 AM	Lee Nguyen, MD Pain Physician and Anesthesiologist <i>UC Davis Health Department (USA)</i>
Knowing the Unknown : Telemedicine for Human Beings About to Start the Journey to Mars	
10:45 AM - 11:00 AM	Parvez Fatteh, MD Medical Director <i>Recovery and Resilience Centres (USA)</i>
One Condition, Many Guidelines: Why Low Back Pain Means Different Things to Different Disciplines	
11:00 AM - 11:15 AM	Sartaj Randhawa, MD Nurse Practitioner <i>UC Davis Health Department (USA)</i>
Seeing the Invisible: From Neural Intent to Tissue Load in the AI-Driven Future of Sports Medicine	
11:15 AM - 11:30 AM	Bingtao Alan Lin, BM, MSc, MD, MBA President and Chief Physician <i>Ortho-Gen Pain Management and Sports Medicine (USA)</i>
Migraine and Comorbidity: Treating the Whole Patient, Not Just the Head	
11:30 AM - 11:45 AM	Susan Hutchinson, MD Family Medicine Physician <i>Haven Headache and Migraine Centre (USA)</i>
11:45 AM - 12:00 PM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : PMNR - Room 409 B	
Chairs : Bingtao Alan Lin, BM, MSc, MD, MBA; Houman Badrzadeh, DO	
Fellows : Thameen Jaradat MD, Arman Sourani MD	
Interns : Narjes Amiri	
PMNR 9/C : Saturday, April 16, 2026 [08:30 AM - 10:00 AM]	
PMNR III	
Neurobiology of Cancer-Induced Pain: From Tumor Microenvironment to Central Sensitization	
08:30 AM - 08:45 AM	Xiao Kun, MD Hematologist <i>Aurora Healthcare (USA)</i>
Buprenorphine for Pain Management : Finally We Get an Acceptable Option?	
08:45 AM - 09:00 AM	Fei Cao, MD Pain Medicine Physician <i>University Health-Truman Medical Centre (USA)</i>
From Sideline to Systems Care: Redefining Concussion Diagnosis and Treatment Pathways	
09:00 AM - 09:15 AM	Parvez Fatteh, MD Medical Director <i>Recovery and Resilience Centres (USA)</i>
Migraine as a Network Disorder: From Peripheral Triggers to Central Sensitization	
09:15 AM - 09:30 AM	Susan Hutchinson, MD Family Medicine Physician <i>Haven Headache and Migraine Centre (USA)</i>
Is Low Back Pain Still a Problem?	
09:30 AM - 09:45 AM	David Lee Interventional Spine and Pain Management <i>UC Irvine (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and PharmaTech) Convention of SBMT 2026

Scientific Program Schedule

ANC SBMT 2026 : PMNR - Room 409 B	
Chairs : Bingtao Alan Lin, BM, MSc, MD, MBA; Houman Badrzadeh, DO	
Fellows : Thameen Jaradat MD, Arman Sourani MD	
Interns : Narjes Amiri	
PMNR 14/D : Sunday, April 19, 2026 [10:30 AM - 12:00 AM]	
PMNR IV	
Ethics and Equity in Cancer Pain Management	
10:30 AM - 10:45 AM	Xiao Kun, MD Hematologist <i>Aurora Healthcare (USA)</i>
Integrative Medicine in Pain Management	
10:45 AM - 11:00 AM	Richard Lee, MD, FASCO Medical Director, Supportive and Integrative Oncology Program <i>City of Hope OC (USA)</i>
Neuropathic Pain: A Clinical Approach Review	
11:00 AM - 11:15 AM	Houman Badrzadeh, DO Internal Med Hospitalist - Supportive & Palliative Care <i>City of Hope - Kindred - St Jude (USA)</i>
What's in the Addiction Mind?	
11:15 AM - 11:30 AM	Fei Cao, MD, PhD Pain Medicine Physician University Health-Truman Medical Centre (USA)
11:45 AM - 12:00 PM	Panel Discussion - Q & A

Room 409 B : PMNR 4/A Thursday, April 16, 2026 [04:45 PM - 05:30 PM] ANC SBMT 2027 Strategy Meeting



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

Neurospine and Peripheral Nerves Consortium Schedule



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Neurospine and PMNR - Room 409 B	
Chairs : Stefano Sinicropi, MD, Namath Hussain, MD, MBA, FACS; Aaron G. Filler, MD, PhD, FRCS, JD; Babak Samimi, MD	
Fellows : Thameen Jaradat MD, Arman Sourani MD	
Interns : Narjes Amiri	
SPN 1/A : Thursday, April 16, 2026 [08:30 AM - 10:00 AM]	
Innovation & Technology in Spine Surgery	
	Namath Hussain, MD, MBA President, Vice Chairman, and Professor of Neurosurgery <i>SBMT, Loma Linda University (USA)</i>
AI and Spatial Computing in Spine Surgery	
08:30 AM - 08:45 AM	Robert Masson, MD Founder <i>Masson Spine Institute (USA)</i>
Incorporating Mixed Reality in Endoscopic Spine Surgery	
08:45 AM - 09:00 AM	Don Young Park, MD Professor of Orthopaedic Surgery <i>UC Irvine (USA)</i>
Update on Neuromonitoring During Sacrectomies	
09:00 AM - 09:15 AM	Alana Munger, MD Assistant Clinical Professor <i>City of Hope (USA)</i>
Comparison of Vertebroplasty, Kyphoplasty and Vertebral Body Stenting in Osteoporotic Fractures of the Spine	
09:15 AM - 09:30 AM	Kannan Karthik Kailash MBBS, D'Ortho, MCh Prof and Head of Spine Surgery <i>Sri Ramachandra University, Chennai (India)</i>
Is it Whiplash or Concussion?	
09:30 AM - 09:45 AM	Mandi Dickey, MSN, FNP-BC, RN, CBIS Nurse Practitioner <i>Minneapolis Clinic of Neurology (USA)</i>
09:45 AM - 10:00 AM	Panel Discussion - Q & A



**23rd Annual Neurotech (Biotech, CellTech, MedTech, AiTech and
PharmaTech) Convention of SBMT 2026**

Scientific Program Schedule

ANC SBMT 2026: Neurospine and PMNR - Room 409 B	
Chairs : Stefano Sinicropi, MD, Namath Hussain, MD, MBA, FACS; Aaron G. Filler, MD, PhD, FRCS, JD; Babak Samimi, MD	
Fellows : Thameen Jaradat MD, Arman Sourani MD	
Interns : Narjes Amiri	
SPN 3/A : Thursday, April 16, 2026 [01:30 PM - 03:00 PM]	
Complex Pathology & Surgical Management	
Management of Degenerative Disease at Cervico-Thoracic Junction	
01:30 PM - 01:45 PM	Giuseppe E. Umana MD, PhD, MSc, FACS Professor <i>Kore University-Cannizzaro Hospital, Catania (Italy)</i>
Tumors of the Spinal Cord	
01:45 PM - 02:00 PM	Gurpreet Gandhoke, MD Associate Professor Neurosurgery <i>UMKC (USA)</i>
PML SI fusion in BMI >35 : A Case Report	
02:00 PM - 02:15 PM	Babajide Ogunseinde, MD Independent Consultant Spine Surgery <i>Longview Orthopedic Regional Clinic (USA)</i>
Techniques of Spinal Cord Repair Following Injuries	
02:15 PM - 02:30 PM	Kazadi Kalangu, MD Professor of Neurosurgery
Pain Generators in Spine : Role of Interventional Pain Management	
02:30 PM - 02:45 PM	Shirazahmed Munshi D. Ortho Director <i>Cheers Hospital Ahmedabad (India)</i>
02:45 PM - 03:00 PM	Panel Discussion - Q & A



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SPN 10/C : Saturday, April 18, 2026 [10:30 AM - 12:00 PM]	
Advanced Techniques & Complications	
Limitless Spine Surgery	
10:30 AM - 10:45 AM	Robert Masson, MD Founder <i>Masson Spine Institute (USA)</i>
Complications in Spine Surgery and Management	
10:45 AM - 11:00 AM	Gurpreet Gandhoke, MD Associate Professor Neurosurgery <i>UMKC (USA)</i>
Posteromedial to Ventrolateral Sacroiliac Joint Fusion. A New FDA Cleared Approach	
11:00 AM - 11:15 AM	Babajide Ogunseinde, MD Independent Consultant Spine Surgery <i>Longview Orthopedic Regional Clinic (USA)</i>
Ultrasound Guided Selective Nerve Root Blocks in the Out-Patient Setting	
11:15 AM - 11:30 AM	Kannan Karthik Kailash MBBS, D'Ortho, MCh Prof and Head of Spine Surgery <i>Sri Ramachandra University, Chennai (India)</i>
Endoscopic Decompression Under Local Anaesthesia : A Comprehensive Way to Deal with Degenerative Spine Issues	
11:30 AM - 11:45 AM	Shirazahmed Munshi D. Ortho Director Cheers Hospital Ahmedabad (India)
11:45 AM - 12:00 PM	Panel Discussion - Q & A

Room 409 B : SPN 4/A

Thursday, April 16, 2026 [04:00 PM - 04:45 PM]

ANC SBMT 2027 Strategy Meeting