

Save *the* Date



NYS-IN: New York Symposium Innovation in Neurosciences

Friday, **June 14, 2024** / 8 a.m. – 5 p.m.
New York Academy of Medicine
1216 5th Ave, New York, NY 10029

Course Description

The Innovation in Neurosciences symposium is a dynamic day-long conference that delves into groundbreaking discoveries across various fronts of neurosciences. This engaging event encompasses a wide array of topics, ranging from innovative techniques in Neuroendovascular Surgery to the transformative advancements in neurology, neurosurgery and neuroimaging. Additionally, it explores the latest breakthroughs in

neurotechnology and neuropharmacology. The symposium aims to shed light on cutting-edge innovations in ischemic stroke, cerebral hemorrhage, neurological emergencies, neuromuscular disorders, spine surgery, and neuro-oncology. Through lectures, interactive sessions, and debates led by experts in their respective fields, attendees will gain valuable insights into the forefront of neuroscience innovation.

Credit Designation

AMA PRA Category 1 Credits™ will be offered through New York Medical College.



[Click here for Registration](#)

For information or questions:
Lynda.George@WMCHHealth.org
or 914.493.3145.



NEW YORK
MEDICAL COLLEGE
A MEMBER OF Yeshiva University

**NEW YORK SYMPOSIUM: INNOVATION IN NEUROSCIENCES (NYS-IN)
PRELIMINARY AGENDA**

7:30-7:50 Registration and Breakfast

7:50-8:00 Welcome Speech

8:00-09:00 Innovation in Stroke I (Hemorrhagic Stroke)

08:00-08:10 Code ICH: A Call to Action

08:10-08:20 Liquid Embolic Agents for Ruptured AVMs When the heart needs to die for the patient to live)

08:20-08:30 SDH management in the era of MMA Embolization:

08:30-08:50 Debate: MIS ICH Evacuation for all

08:50-9:00 Q&A

9:00-10:00 Innovation in Neuroendovascular Surgery I

09:00-09:10 Updates in Flow diversion (Bio-coatings, Biodegradable & 3D Printed FDS, eCLIPs bifurcation flow diverter)

09:10-09:20 Endovascular Shunting: The Next Revolution in Hydrocephalus Rx

09:20-09:30 Innovation in Management of Delayed Cerebral Ischemia in SAH

09:30-09:50 Debate: Assisted Coil Embolization: Reviving a lost art Vs Intrasaccular devices is the way to go

09:50-10:00 Q&A

10:00-10:15 Coffee Break

10:15-11:15 Innovation in Stroke II (Ischemic Stroke)

10:15-10:25 Dispelling Controversies in DOACs

10:25-10:35 Recalcitrant Clots: Dual Stent Retrievers / Intracranial Stenting

10:35-10:45 Going Distal -Mevo and DiVO Baby SR and Low Bore AC

10:45-10:55 Go Big or Go Home: Large Bore Catheters

10:55-11:15 Debate: Ischemic Stroke Challenges- to treat or not to treat large core strokes

11:15-12:15 Innovation in Neuroimaging

11:15--11:25 AI in Stroke Imaging

11:25--11:35 AI in Aneurysm Monitoring

11:35--11:45 Robotics and Remote Angiography

11:45-12:05 Debate: CTP For All

12:05-12:15 Industry Insights: The Voice of Innovation

12:15-12:45 Sponsored Lunch Break

12:45-1:05 Keynote Address: Brain Computer Interface

Tom Oxley, MD

1:05-2:15 Innovation in Innovation in NCC and BCI

1:05-1:15 The Critical Care Unit of the Future: E ICU

1:15-1:25 Minimally Invasive Monitoring in the NCC (Stereotactic Procedures at bedside (Flash EVD Navigation System) IRRFlow Liquiguards Pupillometry

1:25-1:35 Bioinformatics Artificial Intelligence and Machine Learning

1:35-1:45 Hidden Consciousness in the Comatose Brain

1:45-2:00 Debate: Targeted Temperature Modulation- It's not about the Ice- it's about the fire

2:00- 2:10 Q&A

2:10-3:20 Innovation in Neurosciences & Neuromodulation: Rapid Fire

- 2:10- 2:20 Vagal nerve stimulation (VNS) and Responsive neurostimulation (RNS)
- 2:20-2:30 Updates in Neuromodulation (Pain Modulation & Functional Neurosurgery)
- 2:30-2:40 Novel AEDs
- 2:40-2:50 Rapid Response EEG with AI
- 2:50-3:00 Prediction of recovery of Consciousness
- 3:00-3:10 Ultra-Early AI and Robot Assisted Rehabilitation- Swallow Stim and REAL
- 3:10-3:20 Industry Insights: The Voice of Innovation

3:20-3:35 Coffee Break

3:35-4:30 Innovation in Spine & Neuro-oncology

- 3:35-3:45 Surgical Theater: Virtual & Augmented Reality across Neurosurgical Treatment Continuum
- 3:45-3:55 Applications of AI and Minimally Invasive Spine Surgery
- 3:55-4:05 CAR-T Cells: Engineering Immune Cells in Neuro-oncology
- 4:05-4:15 Innovation in Neurooncologic Surgery: From Brachytherapy, Gyroscopic SR to Tumor-derived immunotherapies (ZAP X Gamatile and Imvax)
- 4:15-4:25 Connectomics
- 4:25-4:35 Q&A

2:30-4:30 Neuroendovascular Fellows' Hands-on Course

Moderators: Dr. Gurmeen Kaur, Dr. Justin Santarelli & Dr. Chirag Gandhi

Flow Diversions, Coiling, Stent Assisted coiling, intrasaccular devices, Liquid Embolic station stations

NYS-IN Organizing Committee:

Course Directors	Dr. Fawaz Al-Mufti, Dr. Stephan Mayer & Dr. Chirag Gandhi
Section Chair Innovation in Hemorrhagic Stroke	Dr. Chirag Gandhi
Section Chair Innovation in Neuroendovascular Surgery	Dr. Justin Santarelli
Section Chair Innovation in Ischemic Stroke	Dr. Chai Medicherla & Dr. Ji Chong
Section Chair Innovation in Neuroimaging	Dr. Edwin Gulko
Section Chair Innovation in NCC & BCI	Dr. Stephan Mayer
Section Chair Innovation in Neurosciences & Neuromodulation	Dr. Tracey Milligan & Dr. Mill Etienne
Section Chair Innovation in Spine & Neuro-oncology	Dr. Jared Pisapia
Neuroendovascular Fellows Course Director	Dr. Gurmeen Kaur, Dr. Justin Santarelli & Dr. Chirag Gandhi
Directors of Logistics & Organizational Development	Lisha Melathe, PA; Lynda George, MHA & Chris Cordero, DHA

Invited Faculty

- Adnan Siddiqui, MD
- Alex Merkler, MD
- Alex Reynolds, MD
- Allan Brook, MD
- Andrew Bauerschmidt, MD
- Brian Jankowitz, MD
- Carrie Muh, MD
- Charles Matouk, MD
- Chai Medicherla, MD
- Dan Miller, MD
- David Altschul, MD
- David Langer, MD
- Edwin Gulko, MD
- Elad Levy, MD
- Eytan Raz, MD
- Gaurav Gupta, MD
- Grace Mandigo, MD
- Haralabos Zakaratos, DO
- Hazem Shoiria, MD
- Henry Woo, MD
- Hooman Kamel, MD
- Jared Cooper, MD
- Jared Knopman, MD
- Jan Claassen, MD
- Jay Mocco, MD
- Ji Chong, MD
- Jon Rosenberg, MD
- Joshua Bederson
- Josh Wiley, MD
- Justin Santarelli, MD
- Karthikeyan M. Arcot, MD
- Kimon Beklis, MD
- Manisha Holmes, MD
- Merrit Kinon, MD
- Neha Dangayach, MD
- Priyank Khandelwal, MD
- Randy D'amico, MD
- Sara K. Rostanski, MD
- Seon Kyu-Lee, MD
- Shahram Majidi, MD
- Simon Hanft, MD
- Soojin Park, MD
- Stephan Mayer, MD
- Steve Wolf, MD
- Synphen Wu, MD
- Tomoko Kitago, MD
- Tom Oxley, MD
- Tracey Milligan, MD
- Vera Sharashidze, MD
- Vishad Sukul, MD

Invitation to Participate - New York Symposium: Innovation in Neurosciences (NYS-IN) Conference

Dear Potential exhibitors and Sponsors,

It is our distinct pleasure to extend a warm invitation for your active participation in the upcoming New York Symposium: Innovation in Neurosciences (NYS-IN) Conference. On behalf of the organizing committee, we are excited to share that this event promises to be an unparalleled platform for the exchange of cutting-edge ideas and advancements in the realms of stroke, neuroendovascular interventions, neurological surgery, and neurological emergencies.

Event Details:

- Date: Friday June 14th 2024
- Location: The Historic New York Academy of Medicine
- Theme: Shaping the Future of Acute Stroke and Neurological Care through Innovation

Why Attend NYS-IN?

- 1. Innovation in Stroke Neuroendovascular Interventions:** Explore the latest breakthroughs and advancements in stroke neuroendovascular interventions. Engage with leading experts, participate in interactive sessions, and gain insights into the forefront of this rapidly evolving field.
- 2. Neurological Surgery and at the Forefront:** Delve into the intricacies of neurological surgery with sessions focused on innovations and best practices. Learn from pioneers in the field and discover novel approaches that are shaping the future of neurological surgical care.
- 3. Addressing Neurological Emergencies:** Be part of crucial discussions surrounding neurological emergencies. Learn about the latest protocols, technologies, and strategies for providing acute neurological care in emergency settings.

Benefits of Participation:

- Networking Opportunities: Connect with key opinion leaders, clinicians, and industry professionals shaping the landscape of neurosciences.
- Knowledge Exchange: Share your expertise and gain insights from thought leaders in stroke neuroendovascular interventions, neurological surgery, and emergency neurology.
- Visibility: Showcase your contributions to the field, products, and services to a targeted audience actively involved in shaping neurological care.

How to Participate: Please visit our conference website (<https://www.westchestermedicalcenter.org/>) for detailed information on registration, abstract submissions, and key dates. Early registration is encouraged.

Your active participation will undoubtedly contribute to the success and vibrancy of the NYS-IN Conference. We look forward to welcoming you to an enriching experience at the forefront of innovation in neurosciences.

Best regards,

On behalf of the NYS-IN Conference Organizing Committee

Fawaz Al-Mufti, MD; Stephan Mayer, MD and Chirag Gandhi, MD

NYS-IN Conference Directors

Welcome to a paradigm-shifting experience at the New York Symposium: Innovation in Neurosciences (NYS-IN) Conference! This premier gathering is not just an event; it's a vibrant intersection where trailblazers in clinical neurosciences come together to explore the forefront of groundbreaking discoveries.

Diverse Exploration of Innovations:

The Innovation in Neurosciences symposium is a dynamic day-long conference that delves into groundbreaking discoveries across various fronts of neurosciences. This engaging event encompasses a wide array of topics, ranging from innovative techniques in neuroendovascular surgery to the transformative advancements in neurology, neurosurgery and neuroimaging. Additionally, it explores the latest breakthroughs in neurotechnology and neuropharmacology. The symposium aims to shed light on cutting-edge innovations in ischemic stroke, cerebral hemorrhage, neurological emergencies, neuromuscular disorders, spine surgery, and neuro-oncology. Through lectures, interactive sessions, and debates led by experts in their respective fields, attendees will gain valuable insights into the forefront of neuroscience innovation.

Shaping the Future of Neurological Care:

At NYS-IN, we invite you to be a part of shaping the future of neurological care. Through engaging discussions, interactive sessions, and exposure to cutting-edge research, attendees will contribute to advancing the field and ensuring the highest standards of care for patients.

A Unique Platform for Industry Teams:

The NYS-IN Annual Conference provides an unparalleled opportunity for industry teams to showcase their latest innovation. Beyond traditional marketing, it's a chance to engage with expert clinicians actively involved in direct acute neurological care. This unique setting enables valuable feedback and fosters a deeper understanding of the evolving needs within the field.

Target Audience Profile:

Our target audience comprises acute care clinicians, neurosciences system leaders, and decision-makers responsible for the procurement of evidence-based resources. These individuals play a crucial role in defining local standards of care, making the NYS-IN Conference a pivotal event for companies looking to align their products with the latest advancements in neurosciences.

Meeting the Demands of Neurological Services:

The NYS-IN Conference addresses the demands of both current and future neurological services across the prehospital and hospital continuum. With a focus on acute neurological care, ranging from stroke to epilepsy, this gathering is timely and essential for anyone involved in shaping the trajectory of neuroscientific practices.

In essence, the NYS-IN Conference is not just a meeting; it's a collaborative effort to advance neuroscientific knowledge, bridge gaps in care, and propel the industry forward. Join us in this exciting endeavor as we collectively contribute to the evolution of neurological care.

Exhibit Information

We are delighted to welcome your participation as an exhibitor at the New York Symposium: Innovation in Neurosciences (NYS-IN) Conference. Below, you will find important details to ensure a seamless and successful exhibiting experience:

About the Venue: The New York Academy of Medicine (the Academy), founded in 1847, stands as a 170-year-old historic beacon in the heart of Manhattan, New York City. Originally established as a voice for medical professionals in health reform, the Academy has played a pivotal role in shaping public health practices, including the establishment of the Metropolitan Board of Health in 1866. Today, the Academy is not only a venerable institution with over three thousand fellows but also a leading advocate for urban health. Positioned across from Central Park, the Academy serves as a nexus for health education, advocacy, and the advancement of urban health, reflecting its rich history and ongoing commitment to healthcare excellence.

Exhibit Spaces: All exhibit spaces at NYS-IN include a 6' skirted table and two side chairs. Please be advised that there will be no professional decorator service available for this event.

Completing Your Application: Applications for exhibit spaces will only be considered complete, and space will be officially assigned, upon receipt of payment. Given the limited availability of space, we strongly recommend submitting your application as early as possible to secure your spot at this prestigious conference.

Space Assignments: Priority in space assignments will be granted to returning exhibitors and sponsorship level. Applications received after May 31, 2024, will be assigned based on the order of receipt. While we will make every effort to accommodate your preferences, we cannot guarantee specific space assignments or assure that you will not be placed near a competitor.

Exhibit Personnel Registration: To access the exhibit area, all representatives must have a badge. Each exhibit package includes registration for two company representatives. Ensure that your exhibit personnel are pre-registered using the online application form. Upon your arrival, exhibitor name badges, meeting materials, and a list of registered attendees will be conveniently placed on your table.

Suggested Local Hotels:

- The Mark
- The Carlyle
- The Lowell
- InterContinental New York Barclay, an IHG Hotel
- The Towers at Lotte New York Palace
- Baccarat Hotel and Residences New York
- The St. Regis New York

Important Dates for NYS-IN Annual Meeting 2024:

- Early Bird Meeting Registration Deadline: April 1, 2024
- Exhibit Date: June 14th 2024

Exhibit Schedule: NYS-IN does not have specific exhibit hall hours; instead, we provide suggested times for you to stand by your table to interact with attendees during breakfasts, coffee breaks, lunches, and receptions. To optimize your engagement with meeting delegates, all food and beverage functions will be served in the exhibit hall. The final schedule will be available closer to the Annual Meeting.

We look forward to your active participation and a successful experience at the NYS-IN Annual Meeting. If you have any inquiries or need further assistance, please feel free to contact our exhibit coordination team.

Thank you for being a part of this important event!

Fawaz Al-Mufti,MD; Stephan Mayer,MD and Chirag Gandhi,MD

NYS-IN Conference Directors

Sponsorship Opportunities

Platinum \$15,000

- Recognition of support in all NYS-IN Annual Meeting Promotional Materials
- Company logo listed on the NYS-IN Annual Meeting page
- 4 complimentary Full Conference Badges (in addition to Exhibit Hall only badges)
- 1 table in Exhibitors lounge
- 1 table at the Fellows Course
- Scheduled reserved times during the NYS-IN Annual Meeting to be used as a technology suite or as needed for 2 hours. Tech suites times will be assigned based on availability at the time of purchase and sponsorship level. Tech suite time is limited and available on a first come, first served basis.
- One (1) 10-minute Symposium during the Industry Insights: The Voice of Innovation Session (Time slots will be assigned based on availability at the time of purchase and sponsorship level. Limited availability and are on a first-come, first-serve basis. Only 4 symposia available.

Gold \$10,000

- Recognition of support in all NYS-IN Annual Meeting Promotional Materials
- Company logo listed on the NYS-IN Annual Meeting
- 3 complimentary Full Conference Badges (in addition to Exhibit Hall only badges)
- 1 table in Exhibitors lounge1 table at the Fellows Course

Silver \$5,000

- Recognition of support in all NYS-IN Annual Meeting Promotional Materials
- Company logo listed on the NYS-IN Annual Meeting
- 2 complimentary Full Conference Badges (in addition to Exhibit Hall only badges)
- 1 table in Exhibitors lounge

A La Carte Sponsorship

- \$10,000 Lunch Sponsorship
- \$10,000 Reception Sponsorship
- \$5000 Fellow's Course
- \$5000 Tech Suite 2 hours
- \$5000 Attendees Bags
- \$5000 Badge Lanyard

If you have additional sponsorship concepts, feel free to inform us, and we'll be glad to collaborate with you, ensuring alignment with our guidelines, to effectively showcase your company and products to your target audience. NYS-IN is dedicated to creating an Annual Meeting environment that offers abundant opportunities for networking with our attendees.

	Platinum Sponsor (\$15,000)	Gold Sponsor (\$10,000)	Silver Sponsor (\$5,000)
Recognition of support in all NYS-IN Annual Meeting Promotional Materials	X	X	X
Company logo listed on the NYS-IN Annual Meeting page	X	X	X
Complimentary Full Conference Badges (in addition to Exhibit Hall only badges)	FOUR	THREE	TWO
Table in Exhibitors lounge	ONE	ONE	ONE
Table at the Fellows Course	ONE	ONE	
Scheduled reserved times during the NYS-IN Annual Meeting to be used as a technology suite or as needed for 2 hours. Tech suites times will be assigned based on availability at the time of purchase and sponsorship level. Limited availability and are on a first-come).	X		
One (1) 10-minute Symposium (Time slots will be assigned based on availability at the time of purchase and sponsorship level. Limited availability and are on a first-come, first-serve basis. Only 4 symposia available.)	X		