

Preliminary program

1st Annual South Florida Neuroplastic & Reconstructive Surgery Course with Cadaver Lab

Jointly Provided by: SOCIETY OF NEUROPLASTIC
SURGERY & GLOBAL NEURO FOUNDATION

December 11, 2021, Miami, FL, USA



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Welcome

Global Neuro welcomes you,

On January 1, 2018, AONeuro became Global Neuro for the purpose of broadening our geographic reach and for the opportunity to work with multiple partners. Our new foundation is incorporated in Switzerland and is ready to serve you to improve the educational and practical experiences in patient care and outcomes.

We offer education events across the world, with rigorously prepared and evaluated curricula, in multiple cultural and educational formats. Global Neuro's educational offerings include, lecture presentations, interactive case discussions, small group discussions, practical exercises, simulation exercises and online education. Global Neuro strives to increasingly collaborate with regional, national, and international societies and organizations to deliver symposia and courses at congresses and annual meetings. These partnerships enable us to provide the best formats possible.

While our initial educational efforts began with neurosurgeons, we are increasingly collaborating with neurologists, neuro intensivists, neuroanesthesiologists, neuroradiologists, and other neuro professionals, to provide comprehensive education and program development opportunities.

Medicine, neurological care, and recovery is too complex to depend upon a single discipline. As such, collaboration is required to be able to make the greatest impact in our patients' progress and outcomes.

We hope this program meets your expectations as it is based on continuous development, study, evaluation, and discussion. Please let us know if you have ideas or suggestions for how we can enhance your learning/educational experience.

Please join our network of professionals as we work together to improve the results in neuro care and rehabilitation for all our patients.

Warm Regards,



Paul N. Manson MD
Chairman Global Neuro

Chairpersons



Chad Gordon
Johns Hopkins University
School of Medicine
Baltimore, United States



Allan Levi
University of Miami
Health System
Miami, United States



Michael E Ivan
University of Miami
Health System
Miami, United States



Ricardo J Komotar
University of Miami
Health System
Miami, United States

Special guest

Henry Brem

John Hopkins Medicine

Baltimore, United States

Faculty

William Anderson

John Hopkins Medicine

Baltimore, United States

Nataniel Ben-Shalom

John Hopkins Medicine

Baltimore, United States

Chetan Bettagodwa

John Hopkins Medicine

Baltimore, United States

Justin Caplan

John Hopkins Medicine

Baltimore, United States

Randall Chesnut

University of Washington

Seattle, United States

Shanta Dhar

University of Miami

Miami, United States

Sagi Harnoff

Rabin Medical Center

Petah Tikva, Israel

Judy Huang

John Hopkins Medicine

Baltimore, United States

Chris Jackson

John Hopkins Medicine

Baltimore, United States

Gordon Li

Stanford University

Palo Alto, United States

Michael Lim

Stanford University

Stanford, United States

Hernando Lopez-

John Hopkins Medicine

Baltimore, United States

Bartoni

Mark Luciano

John Hopkins Medicine

Baltimore, United States

Geoffrey Manley

University of San Francisco

San Francisco, United

Paul Manson

John Hopkins Medicine

Baltimore, United States

Raj Mukherjee

John Hopkins Medicine

Baltimore, United States

Gabriel Santiago

US Navy Bureau of Medicine
and Surgery

Washington D.C., United
States

Tamir Shay

Rabin Medical Center

Petah Tikva, Israel

Devinder Singh

University of Miami

Miami, United States

Rafael Tamargo

John Hopkins Medicine

Baltimore, United States

Peter Taub

Mount Sinai Medical Center

New York, United States

Erol Veznedaroglu

Drexel College of Medicine

Memphis, United States

Lauren Yarholar

University of Miami

Miami, United States

Zane Zeier

University of Miami

Miami, United States



Saturday, December 11, 2021

TIME	AGENDA ITEM	FACULTY
	<u>MARC INSTITUTE</u>	
06:00–07:00	Registration/ Continental breakfast	All
	Introduction	
07:00–07:07	Welcome remarks and course goals	C. Gordon
07:07–07:15	Welcome remarks Hopkins Neurosurgery	H. Brem
07:15–07:20	Opening remarks and Global Neuro introduction	P. Manson
07:20–07:30	Co-chairs welcome	A. Levi, R. Komotar and M. Ivan
07:30–07:45	Patient experience with Neuroplastic surgery– Christine Morgado (TBC)	C. Gordon and C. Morgado
Module 1	Discovery and Innovation in Neuro–oncology & Neuroplastic Surgery (10 min lectures followed by 5 min discussions)	Moderators: A. Levi, R. Komotar S. Harnoff and M. Ivan
07:45–08:00	Circulating Tumor DNA in Neuro–oncology	C. Bettagodwa
08:00–08:15	Organoid Models of GBM and Role in Drug Discovery	Z. Zeier (TBC)
08:15–08:30	Targeting Brain Cancer Stem Cells with mRNA Therapeutics	H. Lopez–Bartoni (TBC)
08:30–08:45	Connectomics for Brain Surgery	M. Ivan and A. Levi
08:45–09:00	Nanoparticles for CNS Therapeutics	S. Dhar
09:00–09:15	LITT for Glioblastoma	M. Ivan
09:15–09:30	Clinical Research with Convection–enhanced Delivery	TBD
09:30–09:45	Pump–assisted Cranial Devices for Convection–enhanced Delivery	C. Gordon
09:45–10:05	Keynote Lectureship: “Harnessing the Immune System for Brain Tumors”	M. Lim
10:05–10:20	COFFEE AND NETWORKING BREAK	ALL
Module 2	Neuroplastic Surgery and Cranial Implant Developments (10 min lectures followed by 5 min discussions)	Moderators: P. Taub, R. Mukherjee, and G. Santiago



TIME	AGENDA ITEM	FACULTY
10:20–10:35	Molecular aspects of TBI	G. Manley
10:35–10:50	Intracranial Pressure Monitoring	R. Chesnut
10:50–11:05	Cranioplasty Complications: A National Population–Level Analysis	G. Li
11:05–11:20	Art and Science of Neuroplastic Surgery & Cranioplasty Reconstruction	C. Gordon
11:20–11:35	Advances in Hydrocephalus	M. Luciano
11:35–11:50	Integrating Neurotech and Neurodevelopment into your practice	E. Veznedaroglu
11:50–12:05	Responsive Neurostimulation for Epilepsy	W. Anderson
12:05–12:10	Closing Remarks	C. Gordon
12:10–13:30	NETWORKING BREAK AND PICK UP OF BOXED LUNCH	ALL
Module 3	CADAVER LAB Operative Approaches and Cranial Reconstruction Techniques	Moderators: C. Jackson, J. Caplan, J. Huang, R. Mukherjee, T. Shay, N. Ben-Shalom, and G. Li
13:30–14:00	Lab Registration – dressing	all
14:00–14:10	Instructions and faculty overview	C. Gordon
14:10–15:45	Session I: Neurosurgical Approaches to the Cranio-facial Skeleton <ol style="list-style-type: none"> 1. Burr Hole for Ventriculostomy Placement 2. Pterional Craniotomy for Trauma 3. Parasagittal Craniotomy 4. Bifrontal Craniotomy for Frontal Sinus Trauma 5. Orbito–zygomatic Osteotomy 6. Occipital Craniotomy 7. Posterior Fossa Craniotomy 	(2 faculty members per station)
15:45–16:00	COFFEE AND NETWORKING BREAK	ALL
16:00–17:25	Session II: Neurocranial Reconstruction and Cranioplasty Technique <ol style="list-style-type: none"> 1. Bifrontal Cranioplasty for Frontal Bone/Frontal Sinus Tumor Reconstruction 2. Cranioplasty with Alloplastic Cranial Implant 	(2 faculty members per station)



TIME	AGENDA ITEM	FACULTY
	<ol style="list-style-type: none">3. Single -stage Cranioplasty with Titanium mesh Implant4. Placement of InvisiShunt for Hydrocephalus5. Temporal Hollowing Correction with Implant6. Complex Scalp Reconstruction for Large Defects	
17:25–17:30	Wrap-up/Evaluations/Closing remarks	All
17:30	End of the event	



Event organization

Global Neuro Foundation

Clavadelerstrasse 1
Davos, Switzerland 7270

Event organizer

Ximena Rodriguez
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Event information

Event fee

Attending physicians: **\$500 USD**

Resident/Fellow/Researcher/Allied health practitioner: **\$350 USD**

Observer: **\$200 USD**

Online participant: **\$30 USD**

Included in the course fee are course material and certificate, breakfast, coffee breaks and lunch

Registration

For Onsite registration please visit: [Global Neuro](#)

For Online registration please visit: [Global Neuro Online](#)

CME Accreditation

CME Outfitters will provide the CME accreditation for the course.

Course certificate

The course certificates can only be provided if the participant attends the entire event (100%) and will be available at the end of the event.

Evaluation guidelines

All Global Neuro events apply the same evaluation process, either online (pre- and post-event evaluation) or/and on-site by audience response system (ARS) or paper and pencil questionnaires. This helps Global Neuro to ensure that we continue to meet your training needs.

Intellectual property

Event materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved. Check hazards and legal restrictions on www.aofoundation.org/legal.

→ Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is strictly forbidden. Participants violating intellectual property will be dismissed.

The Global Neuro Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The Global Neuro Foundation assumes participants agree that these recorded materials may be used for Global Neuro marketing and other purposes and made available to the public.

Security

Security checks may be conducted at the entrance of the building. Wearing of a name tag is compulsory during lectures, practical exercises, and group discussions.

No insurance

The event organization does not take out insurance to cover any individual against accidents, theft, or other risks.

Mobile phone use

Use of mobile phones is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Dress code

Casual

Event venue



M.A.R.C. Institute

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