

N20/G20 Symposium Program
Monday, 26 November, 2018
Hilton Hotel, Puerto Madero, Buenos Aires, Argentina

08:00 – 09:00

Registration

09:00 – 09:10

Opening Ceremony (Room A+B)

Babak Kateb, MD

*Founding Chairman of the Board and CEO, Society for Brain Mapping and Therapeutics,
President of Brain Mapping Foundation, Director of National Center for NanoBioELECTronics (NCNBE),
President of Brain Mapping Foundation, Director of Brain Technology and Innovation Park (BTIP), USA*

Neuroscience-20: A G20 World Brain Mapping and Therapeutics Initiative

09:10-09:30

Keynote

Honorable Health Minister Dr. Ana María Bou Pérez

Health Minister, Buenos Aires

Health Care System in Argentina: Current situation

09:30-09:50

Keynote

Prof. Dr. Juan José Mezzadri

President, Argentine Association of Neurosurgery

Buenos Aires, ARGENTINA

The quest for education in the Argentine Association of Neurosurgery

09:50-10:10

Keynote

Prof. Dr. Agustín Ciapponi

General Director, Cochrane Argentina

Freelance Investigator, CONICET

State of scientific research in Argentina

10:10 – 10:30	<p style="text-align: center;">Keynote Eric Muehlbauer, MJ, CAE <i>Executive Director and Chief Executive Officer, North American Spine Society (NASS) and the National Association of Spine Specialists, USA</i> Co-Founder the Spine Foundation <i>Spine and the Global Burden of Disease: Disability, Prevention and Future innovations</i></p>
10:30 – 11:30	<p style="text-align: center;">Meet the Press Group Photography</p>
11:30 -12:30	<p style="text-align: center;">LUNCH BREAK</p>
<p style="text-align: center;">Symposium Session I – COSTS OF NEUROLOGICAL DISORDERS Chair: Dr. Venkatraman Sadanand MD, PhD</p>	
20 mins	<p style="text-align: center;">Keynote Venkatraman Sadanand MD, PhD <i>Associate Professor and Attending Pediatric Neurosurgeon - Loma Linda University Member, Board of Directors, SBMT</i> <i>Cost of the Neurological Disorders to the World Economy: Brain Technology Innovation Park (BTIP) may be a solution</i></p>
10 mins	<p style="text-align: center;">Tatiana Vilasboas, MD <i>Neurocirurgia Oncológica Brazil</i> <i>Brazilian Health system: How Science and Technology can improve the Quality and reduce cost</i></p>
10 mins	<p style="text-align: center;">Kuldip Sidhu, Ph.D. <i>Professor of Stem Cell Research at UNSW and President of SBMT, Australia</i> <i>Stem cells-based modelling in neurodegenerative diseases</i></p>

Symposium Session II– NEUROTRAUMA

Chair: Kuldip Sidhu, Ph.D.

20 mins

Keynote

Alejandro Mercado, M.D.

Chief - Department of Neurosurgery

Neurosurgery Residency Program Director

Hospital Militar Regional Mendoza - Mendoza – ARGENTINA

Traumatic Brain Injury: Is everything written? Current situation of Neurotrauma in Argentina.

10 mins

Prof. Dr. Luis Camputaro, M.D., MBA, MSc

Coordinator - Neurointensive Care Unit

Hospital General de Agudos Juan A. Fernández - Buenos Aires – ARGENTINA

From the theory to practice.

10 mins

Prof. Dr. José Ignacio Previgliano, M.D.

General Director, Hospital General de Agudos Juan A. Fernández

Professor of Neurology, Universidad Maimónides

Buenos Aires, ARGENTINA

Advanced Neurocritical Care Monitoring in low income countries: protocol and results

Symposium Session III - SPINE

Chair: Hani Mhaidli MD, PhD

20 mins

Keynote

Edward Dohring MD

Secretary and Member of the Executive Committee

North American Spine Society
Navigation and Robotics in Spine Surgery

10 mins

Federico Landriel, M.D.
Spine Neurosurgeon
Assistant Professor in Neurosurgery
Neurosurgery Residency Program Coordinator
Hospital Italiano de Buenos Aires – ARGENTINA
3D Virtual Planning in complex spine surgery

10 mins

Marcelo Orellana, M.D.
Neurosurgery – Spine Surgery - Hospital de Alta Complejidad El Cruce
Buenos Aires – ARGENTINA
Atlatoaxial instability: MIS surgical management and anatomical landmarks.

10 mins

Alejandro Mercado, M.D.
Chief, Department of Neurosurgery
Neurosurgery Residency Program Director
Hospital Militar Regional Mendoza, Mendoza, ARGENTINA
Lumbar Dynamic Stabilization with Interspinous Devices: past, present and future

10 mins

Prof. Dr. Pablo Jalon
President - Spine Chapter - FLANC. Chief - Spine Division
Hospital de Clínicas Jose de San Martín. Buenos Aires - ARGENTINA
Early Instrumentation in Spondylodiscitis: economic impact

20 mins

Coffee Break

Symposium Session IV – CURRENT ADVANCES IN THERAPIES

Chair: Vicky Yamamoto, PhD

20 mins

Keynote

Patricia Pranke, PhD

Professor and Head of Hematology and Stem Cell Laboratory

Federal University of Rio Grande do Sul, Brazil

Council member of TERMIS-Americas

Stem Cell Advances and nanotechnology in spinal cord injury

10 mins

Vicky Yamamoto, PhD

Cancer Scientist, Department of Otolaryngology/ Head and Neck Surgery

University of Southern California. USA

Advances in Cancer Therapeutics

10 mins

Roberto Zaninovich, M.D.

Chief - Section of Oncological Surgery - Division of Neurosurgery

University Hospital “José de San Martín”

University of Buenos Aires – ARGENTINA

Glioblastoma: Why is it incurable?

10 mins

Miguel Mural, M.D.

Head of Endoscopic Skull Base Surgery Division

Department of Neurosurgery - Hospital de Alta Complejidad El Cruce

Buenos Aires – ARGENTINA

Expanded endoscopic resection of Craniopharyngiomas.

20 mins

Coffee Break

Symposium Session V – NEUROANATOMY

Chair: Jorge Mura MD

20 mins

Keynote

Deborah Zelinsky, O.D.

Founder, Mind-Eye Connection

Clinical Associate Professor

Western University of Health Sciences

Pomona, CA

Influencing Mental Health through the Overlooked Mind-Eye Connection

10 mins

Maximiliano Nuñez, M.D.

Staff Neurosurgeon - Hospital de Alta Complejidad El Cruce – Buenos Aires. ARGENTINA

UPMC Fellow – Pittsburgh. USA

Prof. Albert Rhoton Lab Fellow – Gainesville, Florida. USA

Intrinsic anatomy and neurosurgical approaches to the brainstem in 3D.

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Tuesday, 27 November, 2018

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Symposium Session VI – CEREBROVASCULAR DISEASE
Chair: Prof. Dr. Alejandro Mercado MD

20 mins

Keynote

Prof. Dr. Claudio Yampolsky

*President, Latin American Federation of Neurosurgery
Buenos Aires – ARGENTINA*

State of the Neuroscience in Latin American countries

10 mins

Ezequiel Petra, M.D., Ph.D.

*Neurointerventional Radiology
Hospital Español de Mendoza – ARGENTINA*

Endovascular treatment of the acute vascular cerebral ischemia. Argentinian advances. Facts and needs.

10 mins

Prof. Dr. Matteo Baccanelli

*Chief - Section of Cerebrovascular Surgery
Department of Neurosurgery - Hospital Italiano de Buenos Aires – ARGENTINA*
Risk associated with acceleration of technological transfer in vascular neurosurgery.

10 mins

Ezequiel Petra, M.D., Ph.D.

*Neurointerventional Radiology
Hospital Español de Mendoza – ARGENTINA*

Stroke: a Global Health problem. How to deal with it in an Emergent Country.

10 mins	<p style="text-align: center;">Jorge Mura, M.D., IFAANS, FACS <i>Assistant Professor of Neurological Surgery - University of Chile</i> <i>Cerebrovascular and Skull Base Surgery Chief - Institute of Neurosurgery Asenjo</i> <i>Coordinator of Cerebrovascular Chapter - Chilean Society of Neurosurgery</i> Third Generation Cerebral Revascularization: intracranial – intracranial Bypass</p>
10 mins	<p style="text-align: center;">Prof. Dr. Luis Camputaro, M.D., MBA, MSc <i>Coordinator - Neurointensive Care Unit</i> <i>Hospital General de Agudos Juan A. Fernández - Buenos Aires – ARGENTINA</i> What are the reasons to keep on discussing the role and benefits of neurosurgery at the Intracerebral Hemorrhage treatment?</p>

20 mins	Coffee Break
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Symposium Session VII – CEREBROVASCULAR-ENDOVASCULAR
Chair: Prof. Dr. Matteo Baccanelli

20 mins	<p style="text-align: center;">Keynote Jorge Mura, M.D. <i>Assistant Professor of Neurological Surgery - University of Chile</i> <i>Cerebrovascular and Skull Base Surgery Chief - Institute of Neurosurgery Asenjo</i> <i>Coordinator of Cerebrovascular Chapter - Chilean Society of Neurosurgery</i> Paraclinoid Aneurysms 400 cases. From the Classics to Minimally Invasive Approach</p>
10 mins	<p style="text-align: center;">Pablo Rubino, M.D. <i>Vice-chairman - Department of Neurosurgery - Hospital de Alta Complejidad El Cruce</i></p>

*Head of Cerebrovascular Section - Neuroscience Institute - Fundación Favaloro
Buenos Aires – ARGENTINA*
Microsurgical treatment of the vascular lesions: from the lab to the OR in 3D.

10 mins

Ezequiel Petra, M.D., Ph.D.
*Neurointerventional Radiology
Hospital Español de Mendoza – ARGENTINA*
Planning a trained health net: Expanding access to New Endovascular Therapies.

Symposium Session VIII– FUNCTIONAL NEUROSURGERY & PERIPHERAL NERVES
Chair: Dawn Eliashiv MD

20 mins

Keynote
Nevzat Tarhan, M.D.
*Professor of Psychiatry, The Rector of Üsküdar University,
Member, Board of Directors, SBMT*
Using Neurotechnology in Psychiatric Treatment

10 mins

Dawn Eliashiv MD
*Professor of Neurology - University of California, Los Angeles (UCLA)
David Geffen School of Medicine, Member of the Board of SBMT – California. USA*
Epilepsy

10 mins

Mariano Socolovsky, M.D.
*Chief - Section of Peripheral Nerve Surgery - Division of Neurosurgery
University Hospital “José de San Martín” - University of Buenos Aires. ARGENTINA*

Brain plasticity and nerve repair.

10 mins

Mariana Bendersky, M.D., Ph.D.

*Associate Professor – Anatomy - School of Medicine - Universidad Nacional de Buenos Aires
Associate Investigator - CONICET*

*Associate Professor – Child Neurology and Intraoperative Neurophysiology
Hospital Italiano de Buenos Aires. ARGENTINA*

Novel neurophysiological monitoring for avoiding plexopathies after lateral retroperitoneal transpsoas approach.

10 mins

Daniel Sipple MD

*Midwest Spine and Brain Institute, Stillwater, MN
Worldwide Opioid Crisis*

90 mins

LUNCH BREAK

Symposium Session IX – INNOVATIONS IN NEUROSCIENCE

Chair: Daniel Sipple MD

20 mins

Keynote

Margareta Nordin Dr. Med. Sci., PT

*Professor, Departments of Orthopedic Surgery and Environmental Medicine
New York University, New York, NY USA*

Past President EUROSPINE

President, World Spine Care Europe

High Yield Low Cost in Spine Care, A call for action to prevent disability of back pain

10 mins

Fabián Cremaschi, M.D.

Professor in Neurosurgery

Master in Neuroscience

Department of Neuroscience - School of Medicine – Universidad Nacional de Cuyo

Mendoza – ARGENTINA

Innovations in Neuroscience: from Mendoza to the World.

10 mins

Jorge Rasmussen, M.D.

Staff Neurosurgeon

Chief of residents - Hospital Italiano de Buenos Aires. ARGENTINA

To heal or not to heal: shifting the paradigm towards tissue regeneration by autologous biomaterials.

10 mins

Janne Huhtala

CEO, MEGIN

Finland

The Future Innovation MEG

20 mins

Keynote

Hani Mhaidli M.D., PhD

President-elect of SILACO, The Association of Iberian and Spanish Spine Societies

Past President, Spanish Spine Society

University Hospital Las Palmas de Gran Canaria

Spain

New technology and social media's influence on patient expectations of spinal treatment. An international perspective

20 mins	Coffee Break
30 mins	Babak Kateb & Alejandro Mercado Presentation of the Final Report to the Ministers, Ambassadors and VIPs of G20
60 mins	Questions and Answers
	Closing