



**G20 Summit/ Neuroscience 20**  
**World Brain Mapping & Therapeutic Initiative**  
 (Brain 20, Mental Health 20 and Spine 20)  
 Symposium Program

**Saturday, November 21st, 2020 (Day 1)**  
**Virtual Conference**  
 (All times in PST and Local Country time)

**Opening Remarks**

**Babak Kateb, MD**

PST Local  
 Time  
 05:00-5:10 AM  
 (PST) 05:10 AM  
 (PST)



Founding Chairman of the Board and CEO, Society for Brain Mapping and Therapeutics,  
 President of Brain Mapping Foundation, Director of National Center for NanoBioELelectronics (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

**Symposium Session I: Stem Cell and Therapeutics**

5:10-6:20 AM  
 (PST)

Session Co-Chairs: **Vicky Yamamoto, PhD and Kuldip Sidhu, PhD**  
 Fellows: Grace Biso, Maria Lobo

5:10-5:20 AM  
 (PST) 00:10-00:20 AM  
 (AEDT) 22NOV



**Kuldip Sidhu, PhD, Vice Chairman of N20, 13th President of SBMT, Professor of Stem Cell, NSWU, AUSTRALIA**

*Preliminary Data of the Pilot Trial with a Non-Cellular Mesenchymal Stem Cell-Product (ENDEXOME-CM-1) Ameliorating Symptoms of Peripheral Neuropathy Associated with Spinal Cord Injury and Intervertebrate Disc Degeneration*

5:20-5:30 AM  
 (PST) 8:20-8:30 AM (EST)



**Robert Hariri, MD, PhD, 18th President of SBMT, Chairman and CEO of Celularity, Professor of Neurosurgery, Cornell Weily School of Medicine, NY, USA**  
*Advances on Stem Cell Therapy and Celularity*

5:30-5:40 AM  
 (PST) 8:30-8:40 AM (EST)



**Brian Mehling, MD, Chairman and CEO of Blue Horizon International, Orthopedic Surgeon, NY, USA**  
*Umbilical cord blood stem cell therapy for spinal cord injury*

5:40-5:50 AM  
 (PST) 7:10-7:20 PM (India)



**Shailesh Gaikwad, MD, Professor and Chair, Neuroimaging and Interventional Neuro-Radiology, AIIMS, New Delhi, INDIA**  
*Mobilisation of Stem cells using G-CSF for Acute Ischemic Stroke*







5:50-6:00 AM  
 (PST) 5:20-5:30 PM (Iran)




**Ameneh Rezayof, Professor of Biologics, University of Tehran IRAN**  
*MicroRNAs have a critical role in memory formation and amnesia*

6:00-6:20 AM  
 (PST)

**Discussion Board**

6:20-7:40 AM (PST)		<b>Symposium Session II: Global Spine Health and Innovation, what should be the Policy</b> <i>Session Co-Chairs: Namath Hussain, MD, Mike Chen MD</i> Fellows: John Fiallos, Daniela Bravo	
6:20-6:30 AM (PST)	6:20-6:30 AM (PST)		<b>Namath Hussain, MD, SBMT Board Member, Professor of Neurosurgery LLU, CA, USA</b> <i>Minimally invasive deformity correction and the value of indirect decompression</i>
6:30-6:40 AM (PST)	8:30-8:40 AM (CT)		<b>Jason L Cormier MD, Neurosurgeon, Owner - Lafayette Surgical Specialty Hospital,,USA</b> <i>A Clinical Review: Surgical Treatment Options for Cervical Degenerative Diseases</i>
6:40-6:50 AM (PST)	7:40-7:50 AM (MPST)		<b>Raul Rincon Navarro MD, CEO &amp; Chairman of Neuro Spine &amp; Pain Clinic, Los Cabos, México</b> <i>Endoscopic spine surgery beyond hemiated disc</i>
6:50-7:00 AM (PST)	9:50-10:00 AM (EST)		<b>Cristina Sadowsky MD, Clinical Director International Center for Spinal Cord Injury, Kennedy Krieger Institute- Johns Hopkins School of Medicine, MD, USA</b> <i>Spinal Cord Injury And Neuroplasticity - Activity As An Agent Of Recovery (An Old Story With New Twists)</i>
7:00-7:10 AM (PST)	8:00-8:10 PM (Pakistan)		<b>Muhammad Tariq Sohail MD, Professor of Orthopaedics &amp; Spine Surgeon at Doctors Hospital &amp; Medical Centre, Lahore, Pakistan</b> <i>Artificial Intelligence (AI) in Spine Care</i>
7:10-7:20 AM (PST)	4:10-4:20 PM (CEST)		<b>Costa Francesco MD, SINch, ITALY</b> <i>Management of spinal metastasis: light and shadow</i>
7:20-7:30 AM (PST)	<b>Discussion Board</b>		

### Keynote

7:30-7:50 AM (PST)		<b>Dr. Deepak Chopra, The Chopra Foundation</b> <i>The Future of Wellbeing</i> Fellows: Alero Mayuku-Dore, Marco Amaya
--------------------	---	--

**Symposium Session III: Human and Financial Costs of COVID-19 to the Global Economy**

7:50-9:00 AM  
(PST)

Session Co-Chairs: Babak Kateb, MD, Daniel Sipple, DO  
Fellows: Kevin Morris, Melody Sadri

7:50-8:00  
AM  
(PST)

12:50-1:00  
AM  
(Japan)  
22NOV



**Farhad Taghi Zadeh PhD, Professor of Economics, Tokai University  
JAPAN**

*Economic burden of Neurological disorders: A Quantitative analysis*

8:00-8:10  
AM  
(PST)

8:00-8:10  
AM  
(PST)



**Babak Kateb MD, Chairman and CEO of SBMT, Chairman of N20 and  
President of BMF, CA, USA**

*Overview of COVID-19 from Ethiology to Global Pandemic of Mental Health*

8:10-8:20  
AM  
(PST)

7:10-7:20  
PM  
(Turkey)



**Prof. Dr. Nevzat Tarhan MD, Founder Rector of Uskudar University, TURKEY**

*The effects of COVID-19 Pandemic to Loneliness*

8:20-8:30  
AM  
(PST)

7:20-7:30  
PM  
(Turkey)



**Prof. Dr. Nesrin Dilbaz MD, Professor Psychiatry, Faculty of Medicine,  
Uskudar Universtiy, TURKEY**

*Fear and Anxiety during Covid-19 in Turkey: Corona Phobia scale*

8:30-8:40  
AM  
(PST)

7:30-7:40  
PM  
(Turkey)



**Gokben Hizli Sayar MD, Associate Professor Psychiatry, Faculty of  
Medicine, Uskudar University, TURKEY**

*Post traumatic growth and sources of anxiety related to COVID-19*

8:40-9:00 AM  
(PST)

**Discussion Board**

**Symposium Session IV: Brain blood flow, mental disorders and neurodegenerative disorders**

9:00-10:10 AM  
(PST)

Session Co-Chairs: **Dr Zoltan Mari MD, Dr Nevzat Tarhan MD**  
Fellows: Teshia Bustos, Alejandro De Filippis

9:00-9:10  
AM  
(PST)

1:00-1:10  
AM  
(China)  
22NOV



**Zhang Peilan MD, Director of Neurology Department of Huanhu Hospital, Ph.D. M.D.supervisor in Nankai University and Tianjin Medical University, CHINA**  
*Experience summary: Intravenous thrombolysis of acute ischemic stroke*

9:10-9:20  
AM  
(PST)

9:10-9:20  
AM (PST)



**George P. Teitelbaum, MD, Director, Stroke & Neurovascular Center; Interventional Neuroradiology, Pacific Neuroscience Institute, CA, USA**  
*Intracranial Aneurysm Pipeline Embolization via Radial Artery Approach*

9:20-9:30  
AM  
(PST)

2:20-2:30  
AM  
(Japan)  
22NOV



**Saeed Seyed Agha Banihashemi, PhD, Professor, School of international Relations of the Ministry of Foreign Affairs, IRAN**  
*Role of Game Theory to Prevent Stroke*

9:30-9:40  
AM (PST)

12:30-  
12:40 PM  
(EST)



**Hekmat Zarzour MD, Assistant Professor of Neurological Surgery, Chief of Neurosurgery Jefferson New Jersey, Vickie and Jack Farber Institute for Neuroscience Thomas Jefferson University Hospital, PA, USA**  
*Identification of patients at high risk of mechanical thrombectomy recanalization failure*

9:40-9:50  
AM (PST)

9:40-9:50  
AM (PST)



**Zoltan Mari MD, The Ruvo Family Chair for PD & Movement Disorders Research, Cleveland Clinic Lou Ruvo Center for Brain Health, NV, USA**  
*Parkinsons Disease*

9:50-10:10 AM (PST)

**Discussion Board**



G20 Summit/ Neuroscience 20  
 World Brain Mapping & Therapeutic Initiative  
 (Brain 20, Mental Health 20 and Spine 20)  
 Symposium Program

Sunday, November 22nd, 2020 (Day 2)  
 Virtual Conference  
 (All times in PST and Local Country Time)

**Symposium Session V: Neuro Imaging for Dementia and neurological diseases**

6:00-7:10 AM  
 (PST)

Session Co-Chairs: **J. Wesson Ashford MD, Christopher Wheeler MD**  
 Fellows: Maria Lobo, Susanne Strand

6:00-6:10  
 AM  
 (PST)

9:00-9:10  
 AM (EST)



**Robert W Thatcher Ph.D., Professor of Clinical Neuroscience, Founder and CEO of Applied Neuroscience, Inc. and the Director of Applied Neuroscience Research Institute, St. Petersburg, Florida, Board of Directors SBMT, USA**  
*MEG/EEG Costs and Benefit for Brain Screening*

6:10-6:20  
 AM  
 (PST)

7:40-7:50  
 PM (India)



**Manjari Tripathi MD, DM, FNASc, Professor Neurology, AIIMS, New Delhi, INDIA**  
*Utility of Magnetoencephalography in maximising non invasive investigations for drug resistant epilepsy*

6:20-6:30  
 AM  
 (PST)

7:50-8:00  
 PM (India)



**P SARAT CHANDRA, MD, MCh, Professor, Neurosurgery, AIIMS, New Delhi India**  
**PI and Team Leader, Centre of Excellence for Epilepsy, Epilepsy surgery and Brain, Faculty in Charge, Epilepsy and Functional Neurosurgery**  
*Endoscopic and radio-frequency techniques for Hemispherotomy in patients with severe drug resistant epilepsy with hemispheric pathologies*

6:30-6:40  
 AM  
 (PST)

9:30-9:40  
 AM (EST)



**Margaret Fahnestock, Ph.D., Professor Department of Psychiatry & Behavioural Neurosciences, McMaster University, ON, CANADA**  
*Cost of Alzheimer's Disease to the Canadian Economy*

6:40-6:50  
 AM  
 (PST)







5:40-5:50  
 PM  
 (Moscow)



**Sergey Suchkov MD, PhD, Professor in Medicine & Immunology, Director, Center for Personalized Medicine and Professor, Department for Pathology, Sechenov University, Chair, Department for Translational Medicine, Moscow Engineering Physical Institute (MEPhI), and Professor, Department of Clinical Immunology, A.I.Evdokimov Moscow State University of Medicine & Dentistry, Moscow, Russia Member: EPMA (European Association for Predictive, Preventive and Personalized Medicine), Brussels, EU; ISPM (International Society for Personalized Medicine), Tokyo, Japan; PMC (Personalized Medicine Coalition), Washington, USA; ACS (American Chemical Society), USA; New York Academy of Sciences, NY, USA Secretary General, United Cultural Convention (UCC), Cambridge, UK**  
*Ab-proteases as biomarkers to diagnose and monitor MS clinical and subclinical stages*

6:50-7:10 AM  
 (PST)

**Discussion Board**

7:10-8:30 AM (PST)		<b>Symposium Session VI: Neuro-Oncology</b> <i>Session Co-Chairs: Reinhard Schulte, M.D.</i> Fellows: Eduardo Sanchez, Daniela Bravo	
7:10-7:20 AM (PST)	7:10-7:20 AM (PST)		<b>Reinhard Schulte, MD, MS, Professor, Division of Biomedical Engineering Sciences, Loma Linda University Health, CA, USA</b> <i>Integration of Surgical, Radiation, and Medical Oncology for Curing Brain Tumors: A 21st Century Global Task</i>
7:20-7:30 AM (PST)	6:50-7:00 PM (Iran)		<b>Guive Sharifi MD, Professor of Neurosurgery, Shahid Beheshti University of Medical Science, IRAN</b> <i>En bloc resection of Glioma Strategy and benefits</i>
7:30-7:40 AM (PST)	5:30-5:40 PM (Israel)		<b>Zeev Bomzon, Ph.D., Director of Science, Novocure, ISRAEL</b> <i>Tumor Treating Fields in Glioblastoma: Status and Future</i>
7:40-7:50 AM (PST)	11:40-11:50 PM (China)		<b>Wang Feng, MD, Deputy Chief Physician, Postgraduate tutor, Department of Head and Neck Oncology, West China Hospital, Sichuan University, CHINA</b> <i>High-grade glioma targeting +Preliminary results of immunotherapy</i>
7:50-8:00 AM (PST)	5:50-6:00 PM (Greece)		<b>Vasileios K. Katsaros, MD, PhD, Head of Department of MRI, General Anti-Cancer and Oncological Hospital "Aghios Savvas", Athens, GREECE</b> <i>Brain mapping with advanced MRI methods in tumors</i>
8:00- 8:10 AM (PST)	8:00- 8:10 AM (PST)		<b>M.A. Nezami MD, President and CEO, Sahel Oncology LLC, CA USA</b> <i>Multi targeted epigenetic therapy of GBM and the role of EMT</i>
8:10-8:30 AM (PST)	<b>Discussion Board</b>		

### Keynote

8:30-8:50 AM (PST)		<b>Dr. Kirsty Duncan</b> <b>Deputy Leader of the Government in the House of Commons,</b> <b>Member of the Canadian Parliament for Etobicoke North,</b> <b>CANADA</b>
11:30-11:50 AM (EST)		<i>COVID -19 and building back better for Science</i> Fellows: Eduardo Sanchez, John Fiallos

**Symposium Session VII: Current topics in Neuroscience**

Session Co-Chairs: **Daniel P Sipple DO, F.A.B.P.M.R., D.A.B.P.M, Deborah Zelinsky OD**

Fellows: Alero Mayuku-Dore, Melody Sadri

8:50-10:00 AM (PST)

8:50-9:00 AM (PST)

5:50-6:00 PM (CEST)



**Giannantonio Spena MD, SINch, ITALY**

*Risk factors for intraoperative stimulation-related seizures during awake surgery: an analysis of 109 consecutive patients*

9:00-9:10 AM (PST)

6:00-6:10 PM (CEST)



**Konstantine Kotliar, PhD, Professor for Mathematical Modeling and Numerical Simulation in Biomedical Engineering, Aachen University of Applied Sciences, Aachen, GERMANY**

*Retinal vessel analysis in Alzheimer's disease*

9:10-9:20 AM (PST)

8:40-8:50 PM (Iran)



**Gholam-Ali Hosseinzadeh PhD, Professor of Electrical and Computer Engineering, University of Tehran, Science and Technology Deputy of National Brain Mapping Laboratory (NBML), IRAN**

*Multimodal Brain Mapping Acquisition an analysis requirements*

9:20-9:30 AM (PST)

11:20-11:30 AM (CST)



**Deborah Zelinsky OD, Founder of the Mind-Eye Institute, IL, Adjunct Professor, Midwestern University College of Optometry, IL, SBMT Board of Directors, USA**

*The Overlooked Interaction between Eye and Ear Processing, and its Impact on Individual Health*

9:30-9:40 AM (PST)

11:30-11:40 AM (CST)



**Daniel P. Sipple, D.O., F.A.B.P.M.R., D.A.B.P.M., Midwest Spine & Brain Institute, Co-Founder of InSitu Biologics, SBMT Member - Board of Directors, USA**

*Suicide Prevention in COVID-19*

9:40-10:00 AM (PST)

**Discussion Board**



**Symposium Session VIII: Acquired brain injury and its impact to global economy**

10:00-11:10  
AM (PST)

*Session Co-Chairs: Mohammad Nami MD, PhD, Alejandro Mercado, M.D.  
Fellows: Marco Amaya, Joe Bolanos*

10:00-10:10  
AM (PST)

9:30-9:40  
PM (Iran)



**Mohammad Nami MD, PhD, Head of the Department of Neuroscience, Shiraz University of Medical Sciences, Shiraz, IRAN**

*P4 Neuromedicine in Sleep and Anxiety; a Brain Mapping Perspective*

10:10-10:20  
AM (PST)

3:10-3:20  
PM (AST)



**Alejandro Esteban Mercado Santori, MD, Professor and Chairman of Neurosurgery, Hospital Militar, Mendoza, ARGENTINA**

*Combat Casualty Care*

10:20-10:30  
AM (PST)

3:20-3:30  
PM (AST)



**Fernando Petra MD, PhD, Director of the Neurointerventional Radiology Department, Spanish Hospital of Mendoza, Cuyo University, ARGENTINA**

*Preliminary results of the NEW Vesalio Thrombectomy Device in Argentina in the Treatment of Stroke*

10:30-10:40  
AM (PST)

3:30-3:40  
PM (AST)



**Mariana Bendersky MD, PhD, Neurologist, University of Buenos Aires, Italian Hospital of Buenos Aires, ENyS (CONICET) Studies in Neurosciences and Complex Systems (National Council for Scientific and Technical Research), ARGENTINA**

*Effect of maternal nutritional status on prenatal and early postnatal growth and development in vulnerable populations in the metropolitan area of Buenos Aires*

10:40-10:50  
AM (PST)

7:40-7:50  
PM  
(CEST)



**Serge Braun, PharmD, PhD, Scientific Director AFMTelethon, FRANCE**

*Gene therapy of the CNS-PNS*

10:50-11:10  
AM (PST)

7:50-8:10  
PM  
(CEST)

**Discussion Board**

11:10 AM -12:40 PM  
(PST)

**Global N20 Policy Discussion (2020 resolutions)**

*All spekaers and participants*

All SBMT Fellows



# Co - Sponsors

