

Congress of the United States
Washington, DC 20515

Dear Colleague,

April 18, 2016

The Congressional Neuroscience Caucus would like to highlight an invitation that you should have received by now from the Society for Brain Mapping & Therapeutics (SBMT) to attend a briefing on Brain Mapping and Therapeutics. The briefing will focus on a broad spectrum of cutting edge translational neuroscience research, advance clinical trials, and technologies that will improve the lives for Americans with neurological and psychological disorders.

When and Where:

Wednesday, April 20th, 2016 from 11am – 2pm in Rayburn, B-338

Moderated by:

Babak Kateb / MD Founding Chairman of the Board of Directors|CEO and Scientific Director| Society for Brain Mapping & Therapeutics (SBMT)| Director of National Centre for Nano-Bio-Electronics (NCNBE)| Scientific Director and Director of Strategic Alliance| California Neurosurgical Institute| Editor of the Textbook of NeuroPhotonics and Brain Mapping| Editor of The Textbook of Nanoneuroscience and Nanoneurosurgery| President and Scientific Director of Brain Mapping Foundation|

Topics & Panelists:

11:10-11:15 AM:

G20+/N20+ Brain Mapping Initiative: From Nanoneurosurgery & Neurophotonics to supercomputing, Artificial Intelligence and Predictive Modeling

- **Babak Kateb, MD**, Chairman of the Board of SBMT, Scientific Director of California Neurosurgical Institute, President of Brain Mapping Foundation, Director of National Center for NanoBioElectronics, Visiting Scientist NASA/JPL, Los Angeles, CA, USA.

11:15-11:20 AM:

Role of the G20+/N20+ Brain Mapping Initiative in the Future of Clinical Neuroscience --Invention & Innovation

- **Aaron Filler, M.D., Ph.D., J.D.**, 13th President of SBMT (2015-2016), Directors of the Institute of Nerve Medicine, Neurosurgeon, Cedars-Sinai Medical Center, Ret. Lt. Colonel US Army Reserve, Los Angeles, CA, USA

11:20-11:25 AM:

Combining Wearable Impact Sensors, High Resolution Brain Mapping, and Advanced Data Analytics to Monitor and Reduce the Risks of Repetitive Head Impacts in Athletic and Military Environments

- **John Ralston, Ph.D.**, Chairman, President & CEO X2 Biosystems, Silicon Valley, CA USA

11:25-11:30 AM

(G20+/Neuroscience-20) Middle East Brain Mapping Initiative: Brain Mapping & Brain Genomics

- **Her Excellency Mariam Matar, M.D.**, Founder and Chairwoman of UAE Genetic Disease Association, Dubai, United Arab Emirate (UAE)

11:30-11:35

(G20+/Neuroscience-20) - Israel Middle East Brain Mapping Initiative: Neurophotonic and Transcranial Vascular Optical Imaging (TOVI) and Brain Mapping.

- ***Vyacheslav (Slava) Kalchenko, M.D., Ph.D.***, Head of In Vivo Optical Imaging Unit, Senior Staff Scientist, Weizmann Institute of Science, Rehovot, Israel

11:35-11:40

(G20+/Neuroscience-20)-Turkey Middle East Brain Mapping Initiative: Psychiatry and Brain Mapping

- ***Nevzat Tarhan, M.D.***, President of Uskudar University, Professor of Psychiatry, Istanbul, Turkey
- ***Selahattin Gültekin, Ph.D. (Presenter)***, Professor of Chemical Engineering, Dean of Faculty of Engineering and Natural Sciences, Uskudar University, Istanbul, Turkey

11:40-11:45

Immunotherapy of Brain Cancer: A phase III clinical trial

- ***Ray Chu, M.D.***, Assistant Professor of Neurosurgery, Cedars-Sinai Medical Center, Los Angeles, CA, USA

11:45-11:50

Complex Skull base and Endovascular Therapeutics for Acquired Brain Injuries

- ***Parham Yashar, M.D.***, Director of Endovascular Program, California Neurosurgical Institute, Los Angeles, CA, USA

11:50-11:55

Double Hand Transplant for Wounded Soldiers: It Is Science Not Fiction

- ***W.P. Andy Lee, M.D.***, Milton T. Edgerton Professor of Plastic and Reconstructive Surgery, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA

11:55-12:00:

Haptic Augmented Reality & Virtual Reality Applications in Brain Mapping and Digital Therapeutics.

- ***Harry Kloor, Ph.D. (Physics) and Ph.D. (Chemistry)***, Member of the Scientific Board of SBMT; Member of the Award Committee of SBMT; Founder and CEO of Jupiter 9 Production; Co-Founder & Chief scientific Officer of Caricord Inc. Los Angeles, CA, USA

12:10-12:25

2016 SBMT-BMF Pioneer in Healthcare Policy Award Recipient

- ***Congressman Andy Harris, M.D.***, U.S. Congressman, Maryland's 1st congressional district

12:25-1:30 PM

Luncheon Discussion

I hope that you will be able to join us for this conversation.

Sincerely,



Earl Blumenauer
Member of Congress