

Friday April 13th 2018 Theme: Innovation, Translation, Integration & Commercialization of Neuro-technologies

7:00-7:40am	Delegate Registration						
7:40 – 7:55am	Vicky Yamamoto, SBMT Executive Director and Cancer Scientist, USC-Keck School of Medicine Department of Head and Neck Surgery, Welcoming message						
7:55 – 8:10am	Ken Green, Ret. USA NAVY Commander, Vice President of Brain Mapping Foundation- Program Review & Announcements						
8:10 – 8:25am	Babak Kateb, Founding Chairman of the Board of SBMT, Director of Brain Technology and Innovation Park, President of Brain Mapping Foundation, Director of National Center for NanoBioElectronic, Welcoming Message						
8:30 – 9:00am	Presidential Keynote (Recipient of 2018 Golden Axon Award of SBMT): Warren Boling 15th President of SBMT, Chairman and Professor of Neurosurgery Department, Loma Linda University School of Medicine; Future of Clinical Neuroscience						
9:00 – 9:30am	Keynote: James C Greenwood, President of BIO, How the Wrong Public Policy Could Thwart Advances in Neurological Medicine						
9:30 – 10:00am	Break (30 minutes)						
Lecture Room	South Galeria Biltmore Bowl	Galeria Emerald Room	Roman Room	Galeria Tiffany Room	Cordoba Room	Mediterranean Room	South Galeria Heinsbergen
10:00 - 11:30am	A1 Title: Neurophotonic and Brain Mapping (USC CME) Chairperson(s): Co-Chairs: Dan Farkas, Vassilily Tsytarev and Babak Kateb	A2 Stroke Diagnosis and Therapy/Endovascular Chair: Yashar Kaland	A3 AD Mechanisms I: New Perspectives on Aβ, and Tau Chair: Konrad Talbot and Margaret Folstein	A4 Multimodality Imaging and Functional Brain Mapping and Neurotherapeutics Application Chair: Seung-Schik Yoo	A5 Brain Innovation and Commercialization of Neurotechnologies Chair: Barry Dattoli and Eric Goshk	A6 Augmented and Virtual Reality Clinical Neuroscience (USC CME) Co-Chairs: Skip Rizzo and Babak Kateb	A7 Neuromodulation Chair: Daniel DiLorenzo and Amanda Desai
11:30pm	Lunch (120 minutes)						
12:00 - 12:30pm	Keynote: Deepak Chopra Brain Health and Fitness						
12:30 - 1:00pm	Round Table Discussion: Babak Kateb-Moderator Panel Discussion with Deepak Chopra, Jeremey Richman, Eric Kandel, Warren Boling and Marko Mijat						
1:30pm							
1:30 - 3:00pm	A8 Title: Brain Mapping in Neuro-Psych-Behavior Chairperson(s): Co-Chairs: Nevzat Tarhan & Baris Metin	A9 Artificial Intelligence, Informatics and Predictive modeling Co-Chairs: Alex Rud & Prehman Mandalapur	A10 AD Mechanisms II: ApoE4 Co-Chair: Wes Ashford and Car Smith	A11 Innovative Methods for Detection & Treatment of Brain Injury Co-Chairs: Ken Green & Mahesh Adamson	A12 NeuroOncology & Brain Tumor Vaccine (LII CME) Co-Chair: Reinhard Schulte and Yassim Oda	A13 Epilepsy and Intraoperative Brain Mapping (LII U CME) Co-Chairs: Warren Boling and Jeff Chung	A14 Neuro-Optometry Chair: Deborah Zensky
3:00 – 3:30pm	Break (30 minutes)						
3:30 - 5:00pm	A15 Title: Current and future of the Diagnostics and Therapeutics of Substance Abuse Chairperson(s): Co-Chair: Daniel Sipple and Jean Bidlack	A16 Facial Geometry & Computational Clinical Neurosciences Chair: Antonio Di Ieva	A17 AD Mechanisms III: Brain-Immune Interactions Chair: Maya Kozzomo-Hamoud and Jonathan Kipnis	A18 Advance Analytics in Sport Neuroscience and Brain Health Chair: Michael Berggren	A19 Stem Cell Therapeutics (USC CME) Co-Chair: Vicky Yamamoto and Nidhi Saluja	A20 Parkinson's Disease (LII U CME) Chair: Dadiqpur	A21 Ethical Neuromodulation and Neuro-Optometry Chair: Deborah Zensky
5:00-6:00 PM	Poster Viewing Wine and Cheese at the Poster and Exhibition Hall						
6:30-8:30 PM	Board of Directors Meeting						

Saturday April 14th 2018

7:00am – 8:00am	Delegate Registration						
8:15 – 8:30am	Babak Kateb, Chairman and CEO of SBMT						
8:30 – 9:00am	Keynote: Kyu Rhee, Chief Medical Officer, IBM Watson Health; Predicting and Inventing a New Era of Health with AI						
9:00 – 9:30am	Keynote: Mark Hyman, Pritzker Foundation Chair in Functional Medicine, Cleveland Clinic Lerner College of Medicine Director, Cleveland Clinic Center for Functional Medicine, Founder and Medical Director, The UltraWellness Center Chairman, Institute for Functional Medicine, Brain Health and Fitness						
9:30 – 10:00am	Break (30 minutes)						
10:00 - 11:30am	B22 Title: Brain Bionic (USC CME) Chairperson(s): Chair: Ted Berger	B23 Big data analytics in Behavioral Neuroscience Chair: Shri Narayanan (USC-CME)	B 24 AD Mechanisms IV: Brain & Systemic Insulin Resistance and Glucose Metabolism Chair: Konrad Talbot	B 25 Brain Health & Fitness Co-Chair: Kethen Williams and Marko Mijat	B 26 Brain Mapping & Therapeutics in Pediatric Medicine Chair: Jessica Rose	B27 Neurophotonics and Brain Mapping Co-Chair: MohammadReza Nasiri-Arani and Farzad Yasli	B 28 Neuro-Ophthalmology (USC CME) Chair: Virek Patel
11:30am	Lunch (90 mins)						
12:00 - 12:30 PM	Keynote (Recipient of 2018 Pioneer in Medicine Award of SBMT): Nobel Laureate Professor Eric Kandel						
1:00 - 1:30 PM	Round Table Discussion: Moderated by Babak Kateb We are what we remember: Memory and Age-Related Memory Loss Wes Ashford, Konrad Talbot, Mark Hyman and Howard Fedderoff						
1:00 - 2:30pm	B29 Title: NATIONAL and Federal LABS's Translational Research and Development Chair: John Dement and Jennifer Stewart	B30 Neuroendoscopy Chair: Kenny De Los Reyes	B31 Early AD Diagnosis I: Brain & Retinal Imaging Chair: Michael Weiner and Wes Ashford	B32 Genomics of Brain Disorder Chair: Steven J Gray	B33 Multimodality Brain Mapping Chair: Roy Ramon Gasterinos and Arash Karaki	B34 Addiction and Opioids Co-Chair: Parvaz Khatibi and Shijo Buck	B 35 Tactical Engineering (Prevention & Therapy) Chair: Arash Ramjee and Alimsh Rabbil
2:30 – 3:00pm	Break (30 minutes)						
3:00 - 4:30pm	B36 Title: Translational Technologies Chairperson(s): Chair: John George	B37 Neuro-Endovascular Chair: Pramod Pillai	B38 Early AD Diagnosis II: CSF & Blood Biomarkers Co-Chairs: Howard Fedderoff (2018 recipient: Pioneer in Medicine) and Konrad Talbot	B39 Military and Sports Medicine: From imaging to Behavioral Analysis Co-Chairs: Mike Ray & Ken Green	B40 Radiation Oncology: New Combined Therapies for High-Grade Gliomas (LII CME) Co-Chairs: Reinhard Schulte & Yassim Oda	B41 NeuroEngineering Chair: Ted Berger	B42 Quantum Biology Chair: Keith Allen

4:30-5:00 Break

6:00-8:00 PM
(Cocktail) & 8-11 PM
(Black Tie Gala)

BLACK TIE GALA

CRYSTAL BALL ROOM

Keynote 1: [Eric Garcetti: Future of Biotech in LA](#) Keynote2: [Congressman Ted Lieu: Supporting science, scientists and science base policy](#)

Sunday April 15th 2018							
7.00am – 8.00am	Delegate Registration						
8.00 – 8.30am	Welcoming Message and Scientific Program Review; Laligam Sekhar, Professor and Vice Chairman of Neurosurgery Department, University of Washington,						
8.30 – 9.00am	Keynote: TBD						
9.00 – 9.30am	Keynote: Carl Cotman, Professor, Neurology School of Medicine. Director, Institute for Brain Aging and Dementia,						
9.30 – 10.00am	Break (30 minutes)						
10.00 - 11.30am	C43 Title: NASA Technology & Innovation Chairperson(s): Chair: David Oberhettinger and Babak Kateb	C44 Cerebrovascular Chair: Laligam Sekhar and Martin Martuszewski	C45 AD Prevention Chair: Carr Smith and Wes Ashford	C46 PTSD Co-Chairs: Ken Green and Mike Ray	C47 Cancer Therapeutics (USC/CME) Chair: Vicky Yamamoto and Reinhard Schulte	C48 Zebis Neurophotonics and Brain Mapping Chair: Babak Kateb and Rukam Jaba	C49 Spinal biotics and materials engineering (USC/CME) Chair: Namat Hosaki and Mike Chen
11.30am	Lunch (90 minutes)						
12.00 - 12.30pm	Rear Admiral Mary C. Riggs Jeremy Richman						
12:45-1:15 PM	Director, Research and Development (1-9), Defense Health Agency Co-founder of The Avielle Foundation Overview of Defense Health Program Research on Traumatic Brain Injury and Psychological Health Science Violence and Compassion: Being a Human						
1.00 - 2.30pm	C50 Title: US BRAIN Initiative Chairperson(s): Chair: Nick Langhals	C51 Brain Mapping and Therapeutics for Stroke and Neurovascular Disorders Chair: Miguel Lopez-Gonzalez	C52 AD Treatment: Targeting Cholinesterase, Aβ for Tau Chair: Wes Ashford	C53 Brain and Spinal Trauma Co-Chairs: Ken Green and Tracie Lattimore	C54 Radiation Oncology Technologies (JHU/CME) Co-Chairs: Minesh Mitta and Reinhard Schulte	C55 Neuromodulation & Brain Computer Interface: Future Directions Chair: Daniel DeLeveaux and Jeff Rosenfeld	C56 Advanced reconstruction surgical techniques (USC/CME) Co-Chairs: Mike Chen, Jeff Wang, Jason Carstner
2.30 – 3.00pm	Break (30 minutes)						
3.00 - 4.30pm	C57 Title: Federal Lab Technology & Innovation Chair: Roger Werne	C58 Application of Artificial Intelligence in Stroke Trial Chair: Sean Pabhas	C59 AD Treatment Targeting Novel Disease Mechanisms I Chair: Konrad Talbot	C60 Traumatic Brain Injury Diagnostic and Therapeutics Chair: Ken Green and Lauren Palevinski	C61 European Brain Project Chair: Simon Erikhoff	C62 Muscular Dystrophy Chair: Subburaman Mahan	C63 Precision, Navigation and Neuroimaging/monitoring (USC/CME) Co-Chairs: Jeff Wang and Namath Hosaki
4.30 – 5.00 PM	Break (30 minutes)						
5:00-6:30 PM	C64 Title: International Space Station (ISS) Technology Transfer and Integration Chairperson(s): Co-Chairs: MBJ Sode, Louk Yuge and Michael Roberts	C65 Nano/Neuroscience and Nano/neurosurgery Chair: Babak Kateb and Ajay Kausik	C66 AD Treatment Targeting Novel Disease Mechanisms II Chair: Wes Ashford and Konrad Talbot	C67 Defense Veteran Traumatic Brain Injury (DVTIC) Chair: Mahesh Adamesh	C68 Biological Imaging Chair: Andrea Colucci	C69 Multi-Modality Imaging Chair: Aaron Filler and Anish Kamali	C70 Advance Material in Brain and Spinal Discovery and Therapy Chair: Ed Boyden