

18th April' 2017- Tuesday

Session - A1 – Stroke

10:00-11:30 AM

Chair – David Liebeskind

10:00-10:15

David S Liebeskind, Professor and Director, Neurovascular Imaging Research Core, UCLA David Geffen School of Medicine
Innovations in Stroke Precision Medicine

10:15-10:30

Fabien Scalzo, Assistant Professor, Neurovascular Imaging Research Core, UCLA David Geffen School of Medicine,
Mapping of MRI Patterns of Infarct Evolution to Tailor Therapy in Acute Stroke

10:30-10:45

Danny JJ Wang, Laboratory of Functional MRI Technology (LOFT), Stevens Neuroimaging and Informatics Institute, University of Southern California
ASL Perfusion MRI in Stroke and cerebrovascular disorders

10:45-11:00

Jason Hinman, Associate Professor of Neurology, UCLA David Geffen School of Medicine,
Precision stroke medicine through 3D modeling of the cerebrovasculature

11:00-11:15

Nerses Sanossian, Associate Professor (Clinical Scholar), Director, Neurocritical Care & Stroke, Department of Neurology
University of Southern California (USC)-Keck School of Medicine
Prehospital Stroke Care: Current State and Future Directions

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A2 - Neurophonic and Brain Mapping

10:00-11:30 AM

Co-Chairs: Dan Farkas & Babak Kateb

10:00-10:15

Scott Fraser, Provost Professor of Biological Sciences and Biomedical Engineering, University of Southern California

Multi-Modal Multiplex Imaging of Neuronal Form & Function

10:15-10:30

Julie R. Korenberg, Professor of Pediatrics, Director, Center for Integrated Neuroscience and Human Behavior, The University of Utah

Brain Mapping from genomic to Behavior

10:30-10:45

Fartash Vasefi, Director of Engineering, Spectral Molecular Imaging Inc., Senior Fellow Society for Brain Mapping and Therapeutics (SBMT)

Multimode optical technologies for intraoperative glioblastoma classification

10:45-11:00

Sona Hosseini, Research and Instrument Scientist, NASA/ Jet Propulsion Laboratory

Next generation of miniaturized high spectral resolution spectrometers – A journey from space exploration to medical diagnoses

11:00-11:15

Taner Akkin, Associate Professor, Department of Biomedical Engineering, University of Minnesota

Brain imaging and mapping at microscopic resolution with serial optical coherence scanner

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A3 – Understanding Mechanisms & Developing Therapy

10:00-11:30 AM

Co-Chairs: Wes Ashford & Nick Tezapsidis

10:00-10:15

J. Wesson Ashford, Clinical Professor (affiliated); Director, War Related Illness & Injury Study Center
Rethinking the pathophysiology of Alzheimer's disease"
Affiliation: Stanford University; VA Palo Alto HCS,

10:15-10:30

Nikalaos Tezapsidis, CEO, Neurotez, Inc.
The Role of Leptin and other Adipokines in Neuroplasticity and Alzheimer Pathobiology"

10:30-10:45

Daniel Alkon, Professor, Rockefeller Neuroscience Institute
PKC epsilon - BDNF Therapeutics in AD induce synaptogenesis, anti-apoptosis, anti-amyloidogenesis, anti-tau phosphorylation, and cognitive enhancement

10:45-11:00

Margaret Fahnstock, Professor of McMaster University
TAU modulation of neurotrophin expression: a mechanism of neurodegeneration in Alzheimer's disease

11:00-11:15

Kurt Rassumussan, Scientist, Eli Lilly,
Neuropharmacology and drug development

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A4 - Multimodality Imaging (CME-Accredited by Cedars-Sinai)

10:00-11:30 AM

Co-Chairs: Aaron Filler & Wei Gao

10:00-10:15

Mikhail G. Shapiro, Assistant Professor of Chemical Engineering, Faculty of Bioengineering and Medical Engineering Heritage Principal Investigator, California Institute of Technology
Biomolecular Engineering of Reporters and Sensors for Noninvasive Imaging of Cellular Function'

10:15-10:30

Wei Gao, Associate Professor and Director of Neuroimaging Research Biomedical Imaging Research Institute
Department of Biomedical Sciences and Imaging, Cedars-Sinai Medical Center
Functional Connectivity Study of Human Brain Functioning

10:30-10:45

Hosung Kim, Assistant Professor of Neurology, USC Stevens Neuroimaging and Informatics Institute
Keck School of Medicine of USC, University of Southern California
A novel approach to segment brain tissues and measure cortical folding in neonatal MRI with motion artifact and its clinical applications.

10:45-11:00

Lirong Yan, Non-invasive Assessment of Intracranial Vascular Compliance using Dynamic Arterial Spin Labeling
Assistant Professor, Stevens Neuroimaging and Informatics, Department of Neurology, University of Southern California

11:00-11:5

Gerald Mearini, President & Founder Teraphysics Corporation
TeraHertz imaging,

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A5 – Brain Bionic

10:11:30 AM

Co-Chairs: Ted Berger & Jeff Ojemann

10:00-10:15

Jeffrey G Ojemann, Department of Neurological Surgery University of Washington, Seattle Children's Hospital
Center for Sensorimotor Neural Engineering
Cortical changes with bidirectional Brain-computer interface in humans

10:15-10:30

James Weiland, Professor of Department of Biomedical Engineering, University of Michigan
Brain Imaging in Blindness and Sight Recovery

10:30-10:45

Samantha Santacruz, Department of Electrical Engineering & Computer Sciences, University of California, Berkeley
Title: Closed-loop Neuromodulation of Mesocortical Networks for Treatment of Mood Disorders

10:45-11:00

Theodore W. Berger, David Packard Professor of Engineering, Professor of Biological Engineering and Neuroscience
Director, Center for Neural Engineering, University of Southern California
Engineering Memories: A Neural Prosthesis for Strengthening Human Memory

11:00-11:15

Yan Wong, Senior Lecturer, Department of Electrical and Computer Systems Engineering, Department of Physiology
Monash University
The Monash Vision Group cortical bionic vision implant: progress toward a first-in-human trial

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A6 – Brain Mapping & Therapeutics & Infection Disease

10:11:30 AM

Chair: Kamel Khalili

10:00-10:15

Maria Nagel, Associate Professor, Department of Neurology, University of Colorado at Denver,
Stroke caused by varicella zoster virus

10:15-10:30

Pamela Roehm, Associate Professor, Department of Otolaryngology, Lewis Katz School of Medicine at Temple University
Herpes Simplex Type 1 and Human Disease

10:30-10:45

Brian Wigdahl, Professor and Chair, Department of Microbiology and Immunology , Drexel University College of Medicine
HIV-1 infection of CNS and novel strategies for viral elimination

10:45-11:00

Ilker Sariyer, Assistant Professor, Department of Neuroscience, Lewis Katz School of Medicine at Temple University
Neuroimmune regulation of JC virus gene expression by host and viral factors

11:00-11:15

Xuebin Qin, Associate Professor, Department of Neuroscience, Lewis Katz School of Medicine at Temple University
Dissecting the roles of immune cells and their interactions in multiple sclerosis using a novel cell ablation tool

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A7– Virtual Reality Clinical Neuroscience

10:00-11:30 AM

Co-Chairs: Kim Bullock & Babak Kateb

10:00-10:15

Walter Greenleaf, Distinguished Visiting Scholar, Communications Department, Human Virtual Interaction Lab, Stanford University
How Virtual Reality is Transforming Research and Clinical Care

10:15-10:30

Hadi Hosseini, Assistant Professor, Department of Psychiatry and Behavioral Sciences, Stanford University
Integrating VR and neuro imaging: toward personalized interventions in psychiatry

10:30-10:45

Kim Bullock, Clinical Associate Professor, Director of Stanford Virtual Reality and Immersive Technology (VR-IT) Clinic and Laboratory
Department of Psychiatry & Behavioral Sciences, Stanford University, School of Medicine
Mirror Therapy for Psychosomatic Illness

10:45-11:00

Chris Furmanski, Founder, Partner Virtual Ventures; former Stanford Health Care Director of Innovation
Emerging Technology & Trends in Med VR

11:00-11:15

Rebecca Mandel Ben-Artzy, Founder, Alpha Presence, former Marketing VR at Samsung NEXT, Alpha Presence
Transforming Patient Centered Care with VR

Q/A: 11:15-11:30

12:00- 1:30 Lunch and Luncheon keynote

18th April' 2017- Tuesday

Session – A8 – Stem Cell

1:30-3:00 PM

Chair – Vicky Yamamoto

1:30-1:45

Marie Csete, President & Chief Scientist, Huntington Medical Research Institutes.

What can stem cell therapies in the eye tell us about stem cell therapies for the brain?

1:45-2:00

Barry S. Baumel, Assistant Professor of Neurology, Director Memory Disorders Clinical Trials, University of Miami, Miller School of Medicine
The Clinical Development of Mesenchymal Stem Cells to Treat Alzheimer's Disease.

2:00-2:15

Stephen L. McKenna, Medical Director, Rehabilitation Trauma Center at SCVMC, Clinical Associate Professor (AFFILIATED)
[SCVMC], Department of Neurosurgery; Stanford University, School of Medicine
Regenerative Medicine for Acute Spinal Cord Injury: from bench-to-bedside to nationwide

2:15-2:30

Qi-Long Ying, Associate Professor, Eli and Edythe Broad Center for Regenerative Medicine and Stem Cell Research; Department of Stem Cell Biology & Regenerative Medicine Department of Cell & Neurobiology ;Keck School of Medicine of USC Development of Cre/lox rat models for the study of neurological disorders.

2:30-2:45

Louis Yuge, Professor & Main director, Graduate School of Biomedical & Health Sciences ,Division of Bio-Environmental Adaptation Sciences
Hiroshima University, Space Bio- Laboratories Co.Ltd; Center for SPACE Regenerative Medicine
Microgravity Facilitates Stem Cell Proliferation and Neural Differentiation after Cell-based Therapy.

Q/A: 2:45-3:00

Break 3:00-3:30 PM

18th April' 2017- Tuesday

Session – A9 – Fractal Geometry, AI & Supercomputing & Predictive Modeling

1:30-3:00 PM

Co-Chairs: Alex Bui & Pezhman Mardanpour

1:30-1:45

Corey Arnold, Medical Imaging and Informatics (MII) Group, Assistant Professor, Department of Radiological Sciences David Geffen School of Medicine at UCLA

Talk title: Estimating Perfusion Parameters in Stroke using Deep Learning

1:45-2:00

Alex Bui, Professor, Departments of Radiological Sciences, Bioengineering & Bioinformatics, David Geffen School of Medicine at UCLA
Medical Imaging Informatics

Predictive Modeling Challenges in Glioblastoma Multiforme

2:00-2:15

Pezhman Mardanpour (coChair), Assistant Professor, and Director of Fluid-Structure Interaction Laboratory , Florida International University
Brain and Nervous System: The Architectural Construct

2:15-2:30

Madhuri Suthra, Graduate Student Researcher (GSR), Photonics Lab, Department of Electrical Engineering, UCLA
Optics Inspired Computing

2:30-2:45

Antonio Di Ieva, Neurosurgeon, Associate Professor of Neuroanatomy Macquarie University, Sydney, Australia
Fractal-Based Predictive Modeling of Brain Arteriovenous Malformations

Q/A: 2:45-3:00

Break 3:00-3:30 PM

18th April' 2017- Tuesday

Session – A10 – Innovative Methods for Detection & Treatment of Sensory & Cognitive Deficits in Brain Injury

1:30-3:00 PM

Co-Chairs: Ken Green & Maheen Adamson

1:30-1:45

Mark Ettenhofer, Assistant Professor/Principal Investigator, Director of Research Operations Uniformed Services University/Defense and Veterans Brain Injury Center, San Diego

The Eyes Have It: Development and Validation of Neurocognitive Eye Tracking

1:45-2:00

Kimberly Cockerham, Adjunct clinical associate Professor, Ophthalmology, Plastics-Orbit-Neuro-Ophthalmology
Innovative Neuroprotection; Battlefield to Rehabilitation therapeutics

2:00-2:15

Laurel Riek, Associate Professor, Computer and engineering, University of California, San Diego

Personalized Robotics for Traumatic Brain Injury Recover

2:15-2:30

Maheen Adamson, Senior Scientific Research Director/Clinical Associate Professor Affiliated Neurosurgery & Psychiatry & Behavioral Sciences
Defense and Veterans Brain Injury Center (DVBIC), VA Palo Alto/Stanford School of Medicine.

Chronic vs. Acute TBI: how can advanced neuroimaging help for long-term outcomes?

Q/A: 2:30-2:45

Break 3:00-3:30 PM

18th April' 2017- Tuesday

Session – A11 – Epilepsy & Intra operative Neuromonitoring

1:30-3:00 PM

Co-Chairs: Warren Boling & Hamlin Emory

1:30-1:45

Hamlin Emory, Director of Neuroscience for Clinical Medicine and Neuropsychiatry, Los Angeles, CA
A Neurophysiologic Approach in the Treatment of Non-lesional Epilepsy

1:45-2:00

Evgeny I. Tsimerinov, Assistant Professor of Neurology and Associate Director, Neurophysiology Cedars Sinai
Clinical Significance of IONM Modalities Used during CEA Surgery

2:00-2:15

Don Gross, Associate Professor Department of Medicine & Dentistry, Division of Neurology and Director of Epileptology, University of Alberta
Can hippocampal subfield pathology predict surgical outcome in temporal lobe epilepsy

2:15-2:30

Dan Dilorenzo, Department of Neurosurgery, Fellow in Complex Spinal, Cranial, and Translational Neurosurgery, Swedish Medical Center, Seattle WA
Neurosensing - The Next Frontier in Neural State Monitoring, Prediction, and Control -

2:30-2:45

Warren Boling, Professor and Chairman, Department of Neurosurgery, Loma Linda University
SEEG defining the epileptic focus and informing the network

Q/A: 2:45-3:00

Break 3:00-3:30 PM

18th April' 2017- Tuesday

Session – A12 - Neuro Oncology & Brain Tumor Vaccine (LLU CME)

1:30-3:00 PM

Co-Chairs: John Yu & Ray Chu

1:30-1:45

Yanghong Shi, Director, Division of Stem Cell Biology Research, Director, Stem Cell Core Professor, Department of Developmental and Stem Cell Biology

RNA Methylation regulates the self-renewal and tumorigenesis of glioblastoma stem cells

1:45-2:00

Ray Chu, Department Clinical Chief, Department of Neurosurgery, Cedars Sinai
Development of a phase III trial for the brain tumor antigen vaccine

2:00-2:15

Brad Elder, Director, Neurosurgical Oncology
Associate Professor, Department of Neurological Surgery, Ohio State University
Image guided biopsy and brain tumor therapy using iMRI.

2:15-2:30

Analiz Rodriguez, Neurosurgical Oncology fellow, City of Hope
Laser Ablation for the Neurosurgical Oncologist.

2:30-2:45

Jethro Hu, NeuroOncologist, Department of Neurosurgery, Cedars-Sinai Medical Center
Nutritional Ketosis as an Adjunct Therapy for Glioma

Q/A: 2:45-3:00

Break 3:00-3:30 PM

18th April' 2017- Tuesday

Session – A13 - rTMS for Neurological Disorders

1:30-3:00 PM

Chair: Wes Ashford

1:30-1:45

Albert Leung, Professor, Department of Neurology, UC San Diego, VASDHS

Talk Title:“rTMS in managing MTBI related symptoms: Treatment Setting and Outcome Differences”

1:45-2:00

Allyson Rosen, Associate Professor, Department of Psychiatry & Behavioral Sciences; Associate Director for Education, MIRECC, Affiliations:

Stanford University; VA Palo Alto HCS

Guiding rTMS with brain imaging

2:00-2:15

Jin Yi, Scientist, Brain Treatment Center

EEG guided rTMS

2:15-2:30

Joseph Cheng, Assistant Clinical Professor, Department of Psychiatry & Behavioral Sciences; Director of Neuroscience, WRIISC, Stanford University; VA Palo Alto HCS

Using rTMS to treat cognitive impairment and dementia

2:30-2:45

Windy Mc Nerney, Fellow, War Related Illness & Injury Study Center, Stanford University; VA Palo Alto HCS

Exploring the biochemical mechanisms of rTMS through animal and cellular models

Q/A: 2:45-3:00

Break 3:00-3:30 PM

18th April' 2017- Tuesday

Session – A14 – Biomarkers in Bran Mapping & Therapeutics

1:30-3:00 PM

Chair: Clark Chen

1:30-1:45

Mark Mapstone, Professor of Neurology, University of California Irvin (UCI)
Predictive Blood Biomarkers for Alzheimer's Disease

1:45-2:00

Valya Ramarishnan, Instructor, Moores Cancer Center, University of California, San Diego
Methyl-Guanine Methyl Transferase (MGMT) regulating miRNA as a predictive biomarker platform

2:00-2:15

Johnny Akers, Assistant Project Scientist, Center for Theoretical and Applied Neuro-Oncology, University of California, San Diego`
Extracellular vesicles (EVs) of cerebrospinal fluid (CSF): a liquid biopsy platform for glioblastoma

2:15-2:30

Clark C. Chen, Associate Professor & Vice Chair of Research/Academic Affairs, Department of Neurosurgery
University of California, San Diego
Glioblastoma subtype as biomarker for therapeutic response

Q/A: 3:30-2:45

Break 3:00- 3:30

18th April' 2017- Tuesday

Session – A15 - Brain Mapping in Neuro-Psych-Bahvior

3:30-5:00 PM

Co-Chairs: Nevzat Tarhan & Baris Metin

3:30-3:45

Nevzat Tarhan, President of Uskudar University, Uskudar University
Biomarkers that can be used for personalized treatment of psychiatric disorders

3:45-4:00

Baris Metin, Associate Professor, Uskudar University
MRI biomarkers: Can functional neuroimaging improve diagnostic accuracy in psychiatry?

4:00-4:15

Cumhur Tas, Associate Professor Uskudar University
Beyond theta/beta ratio: The future of EEG in psychiatry

4:15-4:30

Rustu Murat Demirer, Assistant Professor Uskudar University
Advanced signal processing methods for EEG analysis

4:30-4:45

Merve Cebi, Research Assistant, Uskudar University
Use of tractography to differentiate neuropsychiatric disorders

Q/A 4:45-5:00

18th April' 2017- Tuesday

Session – A16 – Biomaterials

3:30-5:00 PM

Chair: Afsaneh Rabiei

3:30-3:45

Afsaneh Rabiei, Professor Mechanical and Aerospace Engineering and Biomedical Engineering, North Carolina State University.
Improving the Stabilization of Spinal Implants

3:45-4:00

Wolff Kirsch Professor & Director Neurosurgery Center for Research Training and Education Basic Sciences Division of Biochemistry School of Medicine Loma Linda.
Chitosan Depyro genation with Non-thermal Nitrogen Gas Plasma

4:00-4:15

Afsaneh Rabiei, Affiliations: Professor Mechanical and Aerospace Engineering and Biomedical Engineering, North Carolina State University.
Functionally graded HA coatings/ smart coatings

4:15-4:30

Eun Ji Chung, Gabilan Assistant Professor of Biomedical Engineering
University of Southern California (USC)
Peptide Amphiphile Micelles for targeting glioblastoma

Q/A 4:30-4:45

18th April' 2017- Tuesday

Session – A17 – Military Medicine: Distinguishing between TBI & PTSD

3:30-5:00 PM

Chair: Maheen Adamson

3:30-3:45

Sidney Hinds, DoD Brain Health Research Program Coordinator/Medical Advisor to the Principal Assistant, Blast Injury Research Program
Coordinating Office/Research and Technology United States Army Medical Research and Materiel Command
TBI Biomarkers; Object tests in a heterogeneous population

3:45-4:00

Carl Castro, Director and Associate Professor, USC Suzanne Dworak-Peck School of Social Work, University of Southern California
Differentiating TBI and PTSD

4:00-4:15

Kevin Bickart, Neurology Resident, Stanford School of Medicine
Neurogenomic architecture of limbic circuitry in traumatic brain injury

4:15-4:30

Glenn C. Cockerham, National Program Director, VHA Ophthalmology
Quality of life and visual dysfunctions in blast-induced traumatic brain injury

4:30-4:45

Dallas Hack, Adjunct Professor of Neurologic Surgery, University of Pittsburgh
Traumatic Brain Injury: Military History & Research

Q/A 4:45-5:00

18th April' 2017- Tuesday

Session – A18 - Nanoneurosurgery and Nanoneuroscience
3:30-5:00 PM

Co-Chairs: John Yu & Madhavan Nair

3:30-3:45

John Yu, Vice Chairman and Professor of Neurosurgery, Cedars-Sinai Department of Neurosurgery
Nanoprodrug for Treatment of Globalstoma

3:45-4:00

J. Manuel Perez, Professor of Neurosurgery and Imaging and Biomedical Sciences, Department of Neurosurgery, Cedars Sinai Medical Center
New direction on the imaging and delivery of drugs to brain tumors using polymeric nanoparticles

4:00-4:15

Mark Davies, Warren and Katharine Schlinger Professor of Chemical Engineering
Member, City of Hope Comprehensive Cancer Center, Experimental Therapeutics Program
Design of Nanoparticles for Safely Crossing the Blood-Brain Barrier

4:15-4:30

Tuan Vodinh -Director, Fitzpatrick Institute for Photonics, R. Eugene and Susie E. Goodson Professor of Biomedical Engineering
Professor of Chemistry, Duke University.
Modality Bioimaging, Diagnostics and Nanotherapy for the Brain

4:30-4:45

Madhavan Nair, Distinguished Professor and Chair, Department of Immunology, Director, Institute of NeuroImmune Pharmacology
College of Medicine, Associate Dean of Bio- Medical Research, Associate Vice President for NanoMedicine, Florida International University
Getting in to the Brain: Potential of Nanotechnology to Manage Neuro-AIDS and Drug Addictions.

Q/A 4:45-5:00

18th April' 2017- Tuesday

Session – A19 - ALS (LLU CME Session)

3:30-5:00 PM

Co-Chairs: Evgeny Tsimerinov & Jeff Rosenfeld

3:30-3:45

Jeffrey Rosenfeld PhD, Professor of Neurology Associate Chairman, Department of Neurology, Director of ALS/Neuromuscular Program, Department of Neurology, Loma Linda University
ALS/MND 2017: Greatest Opportunities and Challenges

3:45-4:00

Justin Ichida, New York Stem Cell Foundation - Robertson Investigator, Assistant Professor of Stem Cell Biology and Regenerative Medicine USC Keck School of Medicine
Using patient-specific stem cells to identify new therapeutic targets for ALS

4:00-4:15

Milan Fiala, Research Professor Department of Molecular, Cell, and Developmental Biology, UCLA School of Life Sciences,
Immune approaches to ALS and current trial of tocilizumab

4:15-4:30

Francy Shu, Assistant Clinical Professor Department of Neurology Neuromuscular Medicine Attending Physician
Pattern Recognition for Amyotrophic Lateral Sclerosis (ALS) – Power and Pitfall

4:30-4:45

Ashraf Elsayegh, Cedars-Sinai Medical Center, Division of Pulmonary/Critical Care Pulmonary, Sleep, Critical Care
Current Controversies in Diaphragm Pacing of ALS Patients

Q/A 4:45-5:00

18th April' 2017- Tuesday

Session – A20 - Brain Mapping & Precise Diagnosis & Therapeutics

3:30-5:00 PM

Co-Chairs: Wes Ashford & Erica Andreozzi

3:30-3:45

Lea Grinberg, Professor, University of California San Francisco
High Resolution Autopsy Methods to Study Mechanisms of Neurodegenerative Disease

3:45-4:00

Adam Schwarz, Scientist, Eli Lilly,
Imaging Brain Health and Disease in Alzheimer's Disease

4:00-4:15

Duygu Tosun-Turgut, Scientist, University of California San Francisco and San Francisco Veterans Affair Hospital
ADNI: Imaging Methods to Investigate Alzheimer's Disease and Depression

4:15-4:30

Dale Bredesen, Director and Scientist, Buck Institute
Talk Title: Closing the complexity gap in Alzheimer evaluations"

4:30-4:45

Xianghong Arakaki, Research Scientist, Huntington Medical Research Institutes,
Functional EEG testing to unmask mTBI

Q/A 4:45-5:00

18th April' 2017- Tuesday

Session – A21 - Complex Spine Biologics (City of Hope CME Session)

3:30-5:00 PM

Co-Chairs: Jeff Wang & Mike Chen

3:30-3:45

Jeffrey C. Wang, Chief, Orthopaedic Spine Service, Co-Director USC Spine Center; Professor of Orthopaedic Surgery and Neurosurgery; USC Spine Center
Complex Cervical Spine Surgery and Deformity

3:45-4:00

Farhad Parhami, Founder, President & CEO, MAX BioPharma Inc.; Professor Emeritus, David Geffen School of Medicine at UCLA; Lecturer & Faculty Advisor, UCLA Anderson School of Management
Use of Biologics in Spinal Fusion: Oxysterols

4:00-4:15

Fernando Silva, Private Practice, Fort Worth Texas,
Complex spine surgery from Basic science to Clinical Practice

4:15-4:30

Larry Khoo, Director, Spine Clinic of Los Angeles; USC Neuroscience Center; Good Samaritan Hospital
Minimally invasive resection of spinal tumors: Challenges and future directions

4:30-4:45

Alireza Sheikhi, Fellow, City of Hope Cancer Center, CA
The use of vertebral augmentation/kyphoplasty in patients with posterior vertebral wall compromise

Q/A 4:45-5:00