



#BertarelliNeuro

Perception, Learning and Memory: Neuroengineering Perspectives

Annual Symposium of the Bertarelli Program in
Translational Neuroscience and Neuroengineering

Campus Biotech, Geneva, Switzerland - April 7, 2017

Speaker		Time	Duration
	Badges, Coffee	08.30 h	00:30
George Q. Daley (Dean, HMS) Demetri Psaltis (EPFL)	Welcome, Opening words	09.00 h	00:05
Margaret Livingstone (Harvard)	Functional Modules in Visual Perception: How Do We Get Them and What Good Are They?	09.05 h	00:40
M.J. Young (HMS) M.P. Lutolf (EPFL) Y. Arsenijevic (Jules-Gonin Ophthalmic Hospital)	Towards Tissue Engineering the Macula: Cone-RPE Constructs	09.45 h	00:30
	Coffee	10.15 h	00:30
D.S. Manoach (HMS) D. Van De Ville (EPFL)	Dynamics of Brain Networks in Children with Autism: from Motion-Corrected Imaging through Network Analysis to Prediction of Effective Treatment Response	10.45 h	00:30
Cristina Alberini (New York University)	Molecular Mechanisms of Memory Storage and Enhancement	11.15 h	00:40
EPFL Bertarelli Fellows	Five Short Talks	11.55 h	00:25
	Lunch (Buffet)	12.20 h	01:30
Johannes Gräff (EPFL)	Histone Acetylation: Towards Cognitive Enhancement on the Chromatin	13.50 h	00:40
K. Stankovic (HMS) D. Psaltis (EPFL)	Advanced Optical Techniques for Clinical Diagnosis and Therapy of Hearing Loss	14.30 h	00:30
D.J. Lee and C. Brown (HMS) S. Lacour and N. Grandjean (EPFL)	Next Generation Auditory Brainstem Implants: Translation to Clinical Implementation	15.00 h	00:30
	Coffee	15.30 h	00:30
G. Geleoc (HMS)	Gene Therapy Restores Hearing and Balance in a Mouse Model of Usher Syndrome, Type 1C	16.00 h	00:30
Michael Kahana (U Penn)	Targeted Brain Stimulation to Modulate Memory Performance in Humans	16.30 h	00:40
Martin Vetterli (President of EPFL)	Closing remarks	17.10 h	00:05
	End	17.15 h	