

EPFL Bertarelli Symposium, Oct. 11-12, 2012 - Program

venue: "Salle Polyvalente" at the EPFL, Lausanne, Switzerland

update: October 10, 2012

Thursday, October 11		time	duration
	coffee	08.00 h	
P. Aebischer (President, EPFL) and J.S. Flier (Dean, Faculty of Medicine at Harvard Univ.)	welcome, opening words	08.45 h	00:15
K. Zukor (HMS) S. Lacour and G. Courtine (EPFL)	<i>Functional Neural Repair of Sensory and Motor Systems Using Complementary Training, Pharmacological, Genetic and Neurostimulation Strategies</i>	09.00 h	00:50
	coffee	09.50 h	00:20
T. Kuiken (Northwestern University, Chicago, Ill, USA)	<u>invited lecture:</u> <i>The Development of a Neural Interface for the Control of Artificial Limbs</i>	10.15 h	00:50
D.J. Lee (HMS) S. Lacour , P. Renaud and N. Grandjean (EPFL)	<i>New Generation Auditory Brainstem Implant with Flexible Opto-Electronic Arrays for Neurostimulation</i>	11.05 h	00:50
A. Guex , Bertarelli Fellow (EPFL)	<i>Characterization of the Auditory System Responses to Infrared Neural Stimulation of the Cochlear Nucleus</i>	11.55 h	00:15
N. Beuchat , Bertarelli Fellow (EPFL)	<i>Inferring Motor Adaptation Dynamics with the Expectation- Maximization Algorithm</i>	12.10 h	00:15
	lunch	12.30 h	01:15
B. Laback (Austrian Academy of Sciences, Vienna, AUT)	<u>invited lecture:</u> <i>Binaural Hearing with Cochlear Implants</i>	13.45 h	00:50
L. Goodrich (HMS) M. Lutolf (EPFL)	<i>Establishing a Two-Step Protocol for Hair Cell and Auditory Neuron Regeneration</i>	14.35 h	00:50
	coffee	15.25 h	00:20
Z.-Y. Chen (HMS) J. A. Hubbell (EPFL)	<i>Biomolecular Therapeutic Delivery into the Inner Ear for Hair Cell Regeneration and Re-innervation</i>	15.50 h	00:50
L. Asboth , Bertarelli Fellow (EPFL)	<i>Quantification of Fine Movement Disorders in Parkinson's Disease Using a Digitizing Tablet</i>	16.40 h	00:15
E. Pirondini , Bertarelli Fellow (EPFL)	<i>Source Localization of Cross-Frequency Coupling under General Anesthesia Using a New Spatially-Regularized Algorithm</i>	16.55 h	00:15
	end	17.15 h	
Friday, October 12		time	duration
	coffee	08.00 h	
C. Stieger (Bern University, CH / Harvard Medical School, Boston, MA, USA)	<u>invited lecture:</u> <i>Direct Acoustic Cochlear Stimulation (DACS): an Implantable Hearing System for Mixed Hearing Loss</i>	08.45 h	00:50
K. Stankovic (HMS) D. Psaltis (EPFL)	<i>Optical Imaging of the Inner Ear for Cellular Diagnosis and Therapy: Cochlear Implants and Beyond</i>	09.35 h	00:50
	coffee	10.25 h	00:20
J. Holt (HMS) B. Schneider (Aebischer Lab, EPFL)	<i>Gene Therapy in Mouse Models of Human Deafness</i>	10.50 h	00:50
J. A. Hubbell (EPFL Bertarelli Program Director)	closing remarks	11.40 h	00:05
	end	12.00 h	

EVE (Wed, Oct. 10): an informal welcome reception with light dinner is organized at the Rolex Learning Center's "Table de Vallotton" starting 6:30 p.m.

Please mind the changed venue! (the reception was initially announced to take place at the Starling Hotel)

DAY 1 (Thur, Oct. 11): 8:45 a.m. till 5:15 p.m.

7 p.m.: dinner with HMS colleagues and selected guests (bus departing from Starling hotel to "Bois-Chamblard" at 6:30 p.m.)

DAY 2 (Fri, Oct. 12): 8:45 a.m. till noon

Afternoon is left available for individual meetings, lab visits, travel or leisure