

BERTARELLI PROGRAM IN TRANSLATIONAL NEUROSCIENCE AND NEUROENGINEERING
at Harvard Medical School

2016 Bertarelli Symposium
Translating Neuroscience: From Concept to Clinic
Saturday April 16, 2016

Opening Remarks

9:00a Dean Jeffrey Flier (HMS); President Patrick Aebischer (EPFL)

Keynote Lecture

9:15a Susan Hockfield (President Emerita, MIT)
Creating an Interdisciplinary Environment to Stimulate Neuroengineering Research

Pathways to Treatment for Autism Spectrum Disorders

9:45a Christopher A. Walsh (HMS and BCH)
Clues to Autism Spectrum Disorder from Human Genetics

10:15a BREAK

10:45a Dara S. Manoach (HMS and MGH) and Dimitri Van De Ville (EPFL)
Imaging of Brain Networks in Children with Autism

11:15a Mustafa Sahin (HMS and BCH)
New Treatments for Autism

12:00p LUNCH

Keynote Lecture

1:00p Ricardo Dolmetsch (Global Head of Neuroscience, Novartis Institutes for Biomedical Research)
Bringing Products to Market for Neurologic and Psychiatric Disease

Precision Medicine for Hearing Loss

1:30p Cynthia Morton or Heidi Rehm (HMS and BWH)
Molecular Diagnostics for Hereditary Hearing Loss

2:00p Konstantina Stankovic (HMS) and/or Demetri Psaltis (EPFL)
Optical Diagnostics for Hearing Loss

2:30p Bence György (HMS)
Multicapsid Delivery of CRISPR Components for Dominant Hereditary Hearing Loss

3:00p BREAK

3:30p Jeffrey Holt (HMS) and/or Patrick Aebischer (EPFL)
Gene Replacement Therapy for Genetic Deafness

4:00p Michael J. Young (HMS and SERI) and Yvan Arsenijevic (EPFL)
Towards Human RPE and Cone Generations from iPSC

4:30p Daniel Lee (HMS) or Stéphanie P. Lacour, Nicolas Grandjean (EPFL)
Brainstem Implants as a Mind/Machine Interface for Hearing

Keynote Lecture

5:00p Al Sandrock, (Executive Vice President, Neurology Discovery and Chief Medical Officer, Biogen)
Adoption of New Technologies for Clinical Care

5:30p RECEPTION with Speakers