



COLUMBIA UNIVERSITY
MEDICAL CENTER



CTNI Kickoff

Monday October 7, 2013

Myrna L. Daniels Auditorium, 173 Fort Washington Avenue

<u>8:30 am</u>	Registration and Coffee
<u>8:50 am</u>	Introductory Remarks
	Lee Goldman MD <i>Dean of the Faculties of Health Sciences and Medicine and Executive Vice President for Health and Biomedical Sciences Columbia University</i>
	Michael Shelanski MD, PhD – The Imperative of Translational Multidisciplinary Efforts in Neuroscience
	Christopher Henderson PhD <i>Interim Director CTNI</i> – The CU Solution: CTNI
	Michael Billett <i>Executive Director CTNI</i> – Administrative Issues
	Serge Przedborski MD, PhD – Program Outline and Sessions
<u>9:30 am</u>	Session One: "Spinal Muscular Atrophy, the Journey through Translational Research in Motor Neuron Diseases"
	Richard Mayeux MD, MSc <i>Chairman of the Department of Neurology</i> Session Chair – Introduction
	Wendy Chung MD, PhD SMA Clinical Overview and its Genetic Underpinning
	Hynek Wichterle PhD Stem Cells to Probe the Development and Degeneration of Motor Neurons
	Brian McCabe PhD Insights from Drosophila models of SMA
	Livio Pellizzoni PhD Molecular basis of Spinal Muscular Atrophy
	Perspectives in Pediatric Neurology moderated by Richard Mayeux MD, MSc
<u>11:40 pm</u>	Collaboration with Industry
	Ofra Weinberger PhD <i>Director of Health Sciences, Columbia Technology Ventures</i>

<u>11:50 am</u>	Lunch – Riverview Terrace
<u>12:50 pm</u>	Session Two: "Schizophrenia or the Tale of the Broken Brain"
	Daniel Javitt MD, PhD <i>Professor of Psychiatry</i> Introduction
	Maria Karayiorgou MD The Genetics of Schizophrenia: a Multitude of New Genes
	Joshua Gordon MD Optogenetics and Brain Oscillations in Animal Models of Schizophrenia
	Anissa Abi-Dargham MD Imaging the Schizophrenic Brain
	Holly Moore PhD Animal Models of Schizophrenia and New Treatment Strategies
	Perspectives in Psychiatric Disease moderated by Daniel Javitt MD, PhD
<u>3.00pm</u>	Coffee Break – Riverview Terrace
<u>3:30 pm</u>	Session Three: "New Clues in Brain Tumorigenesis"
	Robert Solomon MD <i>Chairman of the Department of Neurosurgery</i> Session Chair - Introduction
	Jeffrey Bruce MD Improving Drug Effectiveness with Convection Enhanced Delivery
	Andrea Califano PhD A Systems Biology approach to the elucidation of master regulators of tumor initiation, progression, and chemosensitivity
	Andrew Lassman MD Will Personal Therapy for Brain Tumors be Possible Soon?
	Lloyd Greene PhD Molecular Targets to Treat Brain Tumors
	Perspectives in Neuro-oncology moderated by Robert Solomon MD
<u>5:40 pm</u>	General Discussion – Moderated by Christopher Henderson PhD <i>Interim Director CTNI</i>
<u>6:25 pm</u>	Closing Remarks – Looking to the Future
	Richard Mayeux MD, MSc – The Challenge of CTNI – Making it Work