



COLUMBIA UNIVERSITY  
MEDICAL CENTER



## CTNI Kickoff

Monday October 7, 2013

Myrna L. Daniels Auditorium, 173 Fort Washington Avenue

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

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