

Invitation

We cordially invite you to join the 11th Hallym-Columbia-Weill Cornell-NYP Symposium on "Advances in Translational Neuroscience," to be held on Wednesday, October 22, 2014 at the New York Academy of Sciences (NYAS) in New York City.

The main aim of this symposium is to bring together healthcare professionals focused on neurodegenerative diseases including neurologists, neuroscientists and psychologists to share ideas and to discuss the applications of discoveries in basic neuroscience to clinical practice for the care of patients' health.

Neuroscience, the topic of this symposium, is a very timely one as we are rapidly entering into an aging society which is a greatly threatening challenge the world is faced with.

In this sense, we hope this conference will provide a valuable opportunity for the participants to share profound medical knowledge and extensive experiences.

For your information, Hallym University Medical Center (HUMC), which boasts over 40-year history, is one of Korea's leading medical institutions that runs six general hospitals in Korea. Six hundred faculty members and 8,000 employees are dedicated to improving quality of public healthcare and social welfare. It also closely collaborates with the world's prestigious medical and educational institutions to seek academic and faculty exchange.

Since HUMC reached an international affiliation agreement with NewYork-Presbyterian Hospital, Columbia University College of Physicians and Surgeons and Weill Cornell Medical College in 2004, the institutions have collaborated on a series of annual symposia, with this year being the eleventh. The ten previous annual conferences have addressed a wide array of medical issues including geriatric medicine, obesity and metabolic syndrome, innovative surgery and medicine, pediatrics, neurodegenerative diseases, arthroplasty and spine surgery, cardiovascular diseases, pulmonary diseases, gastrointestinal cancer and prematurity.

In 2007, we have made the 5th Hallym-Columbia-Weill Cornell-NYP Symposium themed "Neurodegenerative Diseases: Genetics, Biological and Vascular Mechanisms" a great success at NYAS.

We look forward to meeting leaders and experts in neuroscience at the 11th collaborative symposium in New York and discussing current issues and recent developments in translational neuroscience with you.

Please join us for a lively discussion on "Advances in Translational Neuroscience."

Thank you.

Hallym University Medical Center

General Information

Program Director

Richard Mayeux, MD, MSc

Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology
Chairman, Department of Neurology
Director, Gertrude H. Sergievsky Center
Columbia University Medical Center, USA
E-mail: rpm2@columbia.edu

Program Co-Director

Yong-Sun Kim, MD, PhD

Professor, Department of Microbiology
Director, Ilsong Institute of Life Science
Hallym University, Korea
E-mail: yskim@hallym.ac.kr

Program Coordinator (USA Contact)

Jenny J. Lee

Project Coordinator
Gertrude H. Sergievsky Center
Columbia University Medical Center, USA
E-mail: jjl2209@cumc.columbia.edu

Program Coordinator (Korea Contact)

Younghee Han

Manager, International Cooperation Team
Hallym University Medical Center, Korea
E-mail: symposium@hallym.or.kr

Registration

Registration is complimentary

Please register in advance - on or before Monday, Oct. 13, 2014
(Space is limited. Early registration is encouraged.)

 **On-Line:** <http://ny2014.hallym.or.kr>
Telephone registrations and/or cancellations are not accepted.

Meeting Location

The New York Academy of Sciences

7 World Trade Center
250 Greenwich Street, 40th Floor, Auditorium
New York, NY 10007-2157
Telephone: 212.298.8600

For information on parking garages and driving directions,
please visit: www.nyas.org/AboutUs/ContactDirections.aspx

The 11th Collaborative International Symposium

Hallym University Medical Center
Columbia University College of Physicians and Surgeons
Weill Cornell Medical College
NewYork-Presbyterian Hospital

Advances in Translational Neuroscience

Wednesday, October 22, 2014

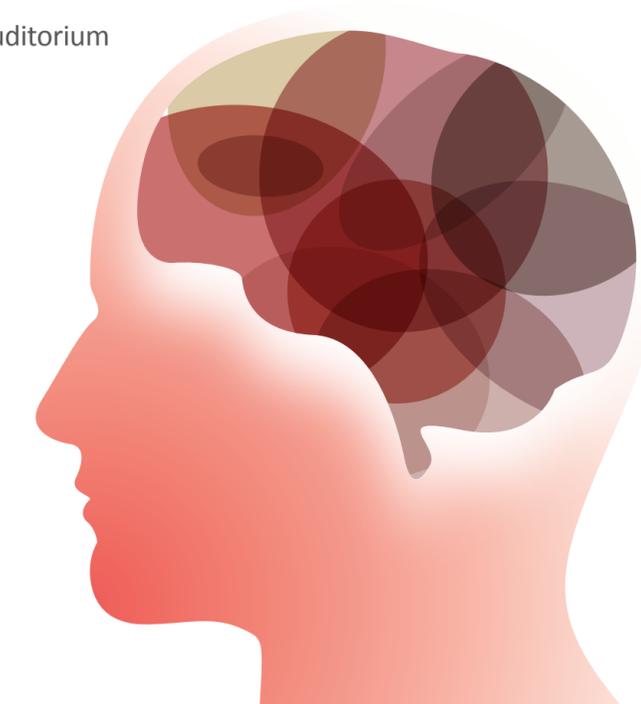
The New York Academy of Sciences
7 World Trade Center
250 Greenwich Street, 40th Floor, Auditorium
New York, NY 10007-2157

Program Director:

Richard Mayeux, MD, MSc
Columbia University, USA

Program Co-Director:

Yong-Sun Kim, MD, PhD
Hallym University, Korea



Speakers

In order of presentations



David L. Sulzer, PhD

Professor, Departments of Psychiatry, Neurology, and Pharmacology
Columbia University Medical Center, USA



Young Ho Koh, PhD

Professor, Lab of Molecular Neurogenetics
Ilsong Institute of Life Science
Hallym University, Korea



Gilbert Di Paolo, PhD

Associate Professor, Department of Pathology and Cell Biology
Columbia University Medical Center
Taub Institute for Research on Alzheimer's Disease and the Aging Brain, USA



Eun-Kyoung Choi, PhD

Professor, Lab of Cellular Aging & Neurodegeneration
Ilsong Institute of Life Science
Hallym University, Korea



Scott A. Small, MD

Boris and Rose Katz Professor of Neurology, Departments of Neurology and Radiology
Columbia University Medical Center, USA



Sang Won Suh, MD, PhD

Professor, Dept. of Physiology
Hallym University College of Medicine, Korea



Adam M. Brickman, PhD

Associate Professor of Neuropsychology
Columbia University Medical Center
Taub Institute for Research on Alzheimer's Disease & the Aging Brain, USA



Guk-Hee Suh, MD, PhD

Professor, Dept. of Neuropsychiatry
Hallym University College of Medicine
Hallym University Dongtan Sacred Heart Hospital, Korea



Karen S. Marder, MD, MPH

Sally Kerlin Professor of Neurology (in the Sergievsky Center, the Taub Institute, and in Psychiatry)
Columbia University Medical Center
Chief, Division of Aging and Dementia
Associate Director, Irving Institute (Columbia CTSA), USA



Kyung-Ho Yu, MD, PhD

Professor & Chairman, Dept. of Neurology
Hallym University College of Medicine
Director, Neuroscience Center
Hallym University Sacred Heart Hospital, Korea

Program Agenda

09:00-09:20	Opening ceremony
	Congratulatory remarks
	Dai-Won Yoon, MD, PhD Chairman, Board of Trustees, Ilsong Educational Foundation, Hallym University
	Gerald D. Fischbach, MD Dean Emeritus, Columbia University College of Physicians & Surgeons Chief Scientist, Simons Foundation
	Robert E. Kelly, MD President, NewYork-Presbyterian Hospital

Session 1	
Co-Chairs	Richard Mayeux, MD, MSc Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology Chairman, Department of Neurology Director, Gertrude H. Sergievsky Center Columbia University Medical Center
	Yong-Sun Kim, MD, PhD Professor, Department of Microbiology Director, Ilsong Institute of Life Science, Hallym University
09:20-09:50	Optical Analysis of Neurotransmission in Basal Ganglia David L. Sulzer, PhD, Columbia University
09:50-10:20	The Pathogenic Human Torsin A in Drosophila Activates the Unfolded Protein Response and Increases Susceptibility to Oxidative Stress Young Ho Koh, PhD, Hallym University
10:20-10:50	Towards the Understanding of Alzheimer's Disease through Lipidomics Gilbert Di Paolo, PhD, Columbia University
10:50-11:20	Peptidylarginine Deiminases and Protein Citrullination: New Frontiers in Neurodegenerative Disease Research Eun-Kyoung Choi, PhD, Hallym University
11:20-11:40	Discussion
11:40-12:40	Lunch

Session 2	
Chairperson	Richard Mayeux, MD, MSc Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology Chairman, Department of Neurology Director, Gertrude H. Sergievsky Center Columbia University Medical Center
12:40-13:10	Zooming into Alzheimer's Disease: MRI Maps to Molecular Mechanisms Scott A. Small, MD, Columbia University
13:10-13:40	Inhibition of NADPH Oxidase Activation Reduces EAE-induced White Matter Damage in Mice Sang Won Suh, MD, PhD, Hallym University
13:40-14:00	Discussion
14:00-14:20	Coffee Break

Session 3	
Co-Chairs	Richard Mayeux, MD, MSc Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology Chairman, Department of Neurology Director, Gertrude H. Sergievsky Center Columbia University Medical Center
	Byung-Chul Lee, MD, PhD Professor, Department of Neurology Hallym University College of Medicine
14:20-14:50	Reconsidering Harbingers of Alzheimer's Disease: Risk Factors, Biomarkers, and White Matter Hyperintensities Adam M. Brickman, PhD, Columbia University
14:50-15:20	Convergence of Technology and Medicine for the Diagnosis of Mild Cognitive Impairment and Dementia Guk-Hee Suh, MD, PhD, Hallym University
15:20-15:50	Developing Clinical Trials in Individuals at Risk for Parkinson's Disease and Huntington's Disease Karen S. Marder, MD, MPH, Columbia University
15:50-16:20	Cognitive Outcomes in Post-stroke Survivals Kyung-Ho Yu, MD, PhD, Hallym University
16:20-16:40	Discussion
16:40-17:00	Closing ceremony
	Closing remarks
	Richard Mayeux, MD, MSc Gertrude H. Sergievsky Professor of Neurology, Psychiatry and Epidemiology Chairman, Department of Neurology Director, Gertrude H. Sergievsky Center Columbia University Medical Center
	Hae-Ran Lee, MD, PhD President, Hallym University Medical Center