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, gastroenterological and nephrology.

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
Speakers

David L. Sulzer, PhD
Professor, Departments of Psychiatry, Neurology, and Pharmacology
Columbia University Medical Center, USA

Young Ho Roh, PhD
Professor, Lab of Molecular Neurogenetics
Institute of Life Science
Hallym University, Korea

Gilbert Di Paolo, PhD
Associate Professor, Department of Pathology and Cell Biology
Columbia University Medical Center
Task Institute for Research on Alzheimer’s Disease and the Aging Brain, USA

Eun-Yeong Choi, PhD
Professor, Lab of Cellular Aging & Neurodegeneration
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

Yong-Sun Kim, MD, PhD
Director, Gertrude H. Sergievsky Center
Chairman, Department of Neurology
Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology
President, NewYork-Presbyterian Hospital
Robert E. Kelly, MD
Chief Scientist, Simons Foundation
Dean Emeritus, Columbia University College of Physicians & Surgeons
Gerald D. Fischbach, MD
President, Hallym University Medical Center

Adam M. Brickman, PhD
Professor, Department of Physiology
Hallym University College of Medicine, Korea

Guk-Hee Suh, MD, PhD
Professor, Department of Neurology
Hallym University College of Medicine

Young Ho Koh, PhD
Professor, Department of Microbiology
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Gilbert Di Paolo, PhD
Professor, Department of Microbiology
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David L. Sulzer, PhD
Professor, Department of Microbiology
Columbia University Medical Center

Karen S. Marder, MD, MPH
Director, Gertrude H. Sergievsky Center
Chairman, Department of Neurology
Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology

Hae-Ran Lee, MD, PhD
Director, Gertrude H. Sergievsky Center
Chairman, Department of Neurology

Richard Mayeux, MD, MSc
Chairman, Department of Neurology
Gertrude H. Sergievsky Center
Columbia University Medical Center

In order of presentations

Program Agenda

09:00-09:20 Opening ceremony

09:20-09:50 Co-Chairs: Richard Mayeux, MD, MSc

09:50-10:20 The Pathogenic Human Tonyor A in Drosophila Activates the Unfolded Protein Response and Increases Susceptibility to Oxidative Stress
Young Ho Roh, PhD, Hallym University

10:10-10:50 Towards the Understanding of Alzheimer’s Disease through Lipidomics
Gilbert Di Paolo, PhD, Columbia University

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Gilbert Di Paolo, PhD, Columbia University

10:50-11:10 Peptidylarginine Deiminases and Protein Citrullination: New Frontiers in Neurodegenerative Disease Research
Eun-Yeong Choi, PhD, Hallym University

11:20-11:40 Discussion

11:40-12:00 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 EA4-Induced White Matter Damage in Mice
Yong-Sun Kim, MD, PhD, Hallym University

14:00-14:30 Discussion

14:30-14:40 Coffee Break

Session 3

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

13:10-13:40 Recommitting Harbingers of Alzheimer’s Disease: Risk Factors, Biomarkers, and White Matter Hyperintensities
Adam M. Brickman, PhD, Columbia University

14:00-14:30 Developing Clinical Trials in Individuals at Risk for Parkinson’s Disease and Huntington’s Disease
Karen S. Marder, MD, MPH, Columbia University

14:30-14:50 Cognitive Outcomes in Post-stroke Survivors
Young Ho Roh, MD, PhD, Hallym University

15:10-15:30 Developing Clinical Trials in Individuals at Risk for Parkinson’s Disease and Huntington’s Disease
Karen S. Marder, MD, MPH, Columbia University

15:30-15:50 Developing Clinical Trials in Individuals at Risk for Parkinson’s Disease and Huntington’s Disease
Karen S. Marder, MD, MPH, Columbia University

16:00-16:30 Discussion

16:30-17:00 Closing ceremony

Closing remarks
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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

Hai-Lan Lue, MD, PhD
President, Hallym University Medical Center