



4TH
ANNUAL

Mount Sinai
MEDICAL CENTER

MILD COGNITIVE IMPAIRMENT (MCI) SYMPOSIUM

PRESENTED BY:

The Wien Center for Alzheimer's Disease and Memory Disorders
Mount Sinai Medical Center, Miami Beach, Florida

and

The Johnnie B. Byrd, Sr. Alzheimer's Center & Research Institute
Tampa, Florida

and

The Florida Alzheimer's Disease Research Center

Friday–Saturday, February 24-25, 2006

SYMPOSIUM LOCATION:

Eden Roc Resort & Spa
4525 Collins Ave., Miami Beach, FL 33140

PROGRAM DIRECTOR

Ranjan Duara, MD

Medical Director

Wien Center for Alzheimer's Disease & Memory Disorders

Mount Sinai Medical Center, Miami Beach, FL

Departments of Medicine and Psychiatry

Miller School of Medicine, University of Miami, Miami, FL

SPONSORED BY:

**THE BEHRMAN CENTER FOR MEDICAL EDUCATION
AT MOUNT SINAI MEDICAL CENTER**

An accredited interactive Symposium offering
15 hours of Category 1 credits for Physicians
and 15 CEU accreditation hours for Psychologists offered through MAGEC.

■ NEEDS ASSESSMENT

Alzheimer's Disease affects over 4 million persons in the United States and this number is projected to increase to over 13 million by 2050, due to increases in longevity and the aging of baby boomers. Continuing success in the development of new treatments and preventive measures for Alzheimer's disease and other causes of dementia have prompted the need for a better recognition of the earliest stages of these conditions. The purpose of this symposium is to provide a forum where new information can be provided and in-depth discussions can take place about Mild Cognitive Impairment and all its subtypes. This will be accomplished via two keynote lectures and four mini-symposia. The symposium will feature a panel of national and international experts in the fields of neurology, psychiatry, geriatrics, neuropsychology, brain imaging, neuropathology and epidemiology. These experts will present updates on the early detection of incipient dementias and their causes, prevention and treatment. Each mini-symposium will be followed by an extended discussion period, allowing active audience participation to enhance the learning process.

■ TARGET AUDIENCE

This activity is designed for:

- Neurologists
- Psychiatrists
- Geriatricians
- Radiologists (neuroimaging specialists)
- Epidemiologists
- Neuropsychologists
- Neuroscientists
- Health Psychologists

■ EDUCATIONAL OBJECTIVES

The overall purpose of the symposium is to promote a better understanding and earlier diagnosis of mild cognitive impairment (MCI) and preclinical dementia. Upon completion of this symposium, the attendees should have a better understanding of the following:

1. Cognitive Reserve and MCI

- a. Cognitive reserve: Concept, measurement and significance for MCI
- b. Insights from longitudinal studies of aging
- c. Cognitive reserve perspectives from neuroimaging, neuropathology, and neuropsychology

2. Genetics of Cognitive Decline

- a. Inheritance of memory and cognitive performance in siblings of persons with Alzheimer's Disease (AD)
- b. Genetics and gene expression of early AD and MCI
- c. Contribution of vascular genes in AD
- d. Genetics of the "normal" aging brain
- e. Prediction of MCI with plasma amyloid beta protein levels

3. Pathogenesis of Vascular/Metabolic Cognitive Impairment

- a. Cognitive impairment following stroke
- b. Epidemiology of vascular cognitive impairment
- c. Neuroimaging and neuropathology of vascular cognitive impairment

4. Systemic (Medical) and Psychiatric Considerations in MCI Diagnosis

- a. Contribution of physiological health to cognitive ability
- b. Effect of chemotherapy on cognitive function
- c. Effect of HIV infection and hepatitis C on cognition
- d. Depression and the diagnosis of MCI
- e. Anticholinergics, Benzodiazepines and MCI

5. Results of clinical trials in patients with MCI





DISTINGUISHED GUEST FACULTY

Program Director

Ranjan Duara, MD

Medical Director, Wien Center for Alzheimer's Disease & Memory Disorders
Mount Sinai Medical Center, Miami Beach, FL
Departments of Medicine and Psychiatry, Miller School of Medicine
University of Miami, FL

David A. Bennett, MD

Professor of Neurological Sciences
Rush University Medical Center
Chicago, IL

Monique Breteler, MD, PhD

Professor of Neuroepidemiology
Erasmus University Medical School
Rotterdam, Netherlands

Meryl Butters, PhD

Associate Professor of Psychiatry
University of Pittsburgh School of Medicine
Pittsburgh, PA

Mariana Cherner, PhD

Assistant Professor of Psychiatry
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San Diego, CA

Helena Chui, MD

McCarron Professor and Chair of Neurology
University of Southern California Keck School of Medicine
Los Angeles, CA

Fiona Crawford, PhD

Associate Director, Roskamp Institute
Sarasota, FL

Charles DeCarli, MD

Professor of Neurology
University of California Davis School of Medicine
Sacramento, CA

Steven DeKosky, MD

Professor and Chairman of Neurology
University of Pittsburgh School of Medicine
Pittsburgh, PA

Murali Doraiswamy, MD

Director, Clinical Trials and Head, Biological Psychiatry
Duke University Medical Center
Durham, NC

Lindsay Farrer, PhD

Professor of Medicine, Neurology, Genetics & Genomics,
Epidemiology, & Biostatistics
Boston University Medical School
Boston, MA

Mary Ganguli, MD, MPH

Professor of Psychiatry and Epidemiology
University of Pittsburgh School of Medicine
Pittsburgh, PA

Cheryl Grady, PhD

Professor of Psychiatry & Psychology
Rotman Research Institute, University of Toronto
Toronto, ON Canada

Mary Haan, DrPH

Professor of Epidemiology
University of Michigan School of Public Health
Ann Arbor, MI

Walter Kukull, PhD, MS

Professor of Epidemiology
University of Washington School of Public Health
and Community Medicine
Seattle, WA

Anand Kumar, MD

Professor of Psychiatry
University of California
Los Angeles, CA

Lenore Launer, PhD

Chief, Neuroepidemiology Section
National Institute on Aging
Bethesda, MD

Venkata Mattay, MD

Chief, Unit on Clinical Neuroimaging
National Institute of Mental Health
Bethesda, MD

Richard Mayeux, MD, MSc

Professor of Neurology, Psychiatry and Epidemiology
Columbia University College of Physicians and Surgeons
New York, NY

John Morris, MD

Friedman Distinguished Professor of Neurology
Washington University School of Medicine
St. Louis, MO

Daniel Mungas, PhD

Adjunct Associate Professor of Neurology
UC Davis School of Medicine
Sacramento, CA

Giulio Pasinetti, MD, PhD

Professor, Psychiatry, Neuroscience & Geriatrics and
Adult Development
Mount Sinai School of Medicine
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Ronald Petersen, MD, PhD

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San Antonio, TX

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University of South Florida
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Peter St. George-Hyslop, MD, DSc

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John Starr, MD

Consultant and Senior Lecturer, Geriatric Medicine
University of Edinburgh
Edinburgh, Scotland UK

Yaakov Stern, PhD

Professor of Clinical Neuropsychology
Columbia University College of Physicians and Surgeons
New York, NY

Larry Tune, MD, MAS

Professor and Chief of Geriatric Psychiatry
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Atlanta, GA

Holly Tuokko, PhD

Professor of Psychology
University of Victoria
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Jeffrey Wefel, PhD

Department of Neuro-Oncology
University of Texas M.D. Anderson Cancer Center
Houston, TX

Lawrence Whalley, MD

Crombie Ross Professor of Mental Health
University of Aberdeen
Aberdeen, Scotland UK

Steven YOUNKIN, MD, PhD

Professor of Pharmacology and Pathology
Mayo Clinic
Jacksonville, FL

Friday, February 24, 2006

AM

7:00-8:00	Breakfast Buffet
8:00-8:15	Welcome and Introduction <i>Ranjan Duara MD</i>
8:15-9:15	Vascular Risk Factors and Cognitive Reserve in the Evolution of Cognitive Decline and Dementia: Lessons from the Rotterdam Study <i>Monique Breteler, MD, PhD – Keynote Speaker</i>
9:15-11:30	Mini-Symposium: Cognitive Reserve and MCI <i>Chair: Ronald Petersen, PhD, MD</i> – Cognitive Reserve: Concept, Measurement and Significance for MCI <i>Yaakov Stern, PhD</i> – Cognitive Reserve: Insights from the Scottish Mental Survey (1947 & 1998) <i>Laurence Whalley, MD</i> – Cognitive Reserve and the Neuropsychological Diagnosis of MCI <i>Holly Tuokko, PhD</i> – Cognitive Reserve: Structural Neuroimaging <i>Daniel Mungas, PhD</i> – Cognitive Reserve: Functional Neuroimaging <i>Cheryl Grady, PhD</i> – Cognitive Reserve and the Expression of AD Neuropathology <i>David Bennett, MD</i>
11:30-12:30	Invited Discussant (<i>Walter Kukull, PhD and Brent Small, PhD</i>) and General Discussion
12:30-2:00	LUNCH BREAK

PM

2:00-4:15	Mini-Symposium: Genetics and Proteomics of Cognitive Decline <i>Chair: Richard Mayeux, MD, MSc</i> – Inheritance of Memory and Other Cognitive Functions in Siblings of AD Patients <i>Richard Mayeux, MD, MSc</i> – Genetic Factors in Alzheimer's Disease and MCI <i>Peter St. George-Hyslop, MD, DSc</i> – Association of Vascular-Related Genes with AD <i>Lindsay Farrer, PhD</i> – Imaging Genetic Influences in Normal Cognitive Aging <i>Venkata (Anand) Mattay, MD</i> – Gene Expression Analysis and Proteomics in MCI and Early AD <i>Giulio Pasinetti, MD, PhD</i> – Plasma Amyloid Beta Protein Levels and the Prediction of MCI <i>Steve Younkin, MD, PhD</i>
4:15-5:15	Invited Discussant (<i>Fiona Crawford, PhD</i>) and General Discussion
5:15	Adjourn
7:00-9:00	Welcome Dinner



Saturday, February 25, 2006

AM

- 7:00-8:00 Breakfast Buffet
- 8:00-8:15 Announcements and Introductions
Ranjan Duara, MD
- 8:15-9:15 **A Review of Clinical Trials in MCI**
Murali Doraiswamy, MD -
Keynote Speaker
- 9:15-11:30 **Mini-Symposium: Pathogenesis of Vascular/Metabolic Cognitive Impairment**
Chair: Steven DeKosky, MD
- Pathogenesis of Cognitive Impairment Following Stroke
Gustavo Roman, MD
 - Epidemiology of Vascular Cognitive Impairment
Lenore Launer, PhD
 - Diabetes Mellitus and MCI
Mary Haan, DrPH
 - Neuroimaging and Neuropathology in Vascular Cognitive Impairment
Helena Chui, MD
 - Co-existence of Vascular and Alzheimer Pathology in Cognitively Impaired Individuals
Julie Schneider, MD
 - Significance of White Matter Hyperintensities in MCI
Charles DeCarli, MD
- 11:30-12:30 Invited Discussant (*Richard Mayeux, MD, MSc*) and General Discussion
- 12:30-2:00 LUNCH BREAK

PM

- 2:00-4:00 **Mini-Symposium: Systemic (Medical) and Psychiatric Considerations in MCI**
Chair: John Morris, MD
- Physiological Health and Cognitive Ability in Aging
John Starr, FRCP
 - Cancer, Chemotherapy and MCI
Jeffrey Wefel, PhD
 - HIV infection, Hepatitis C and MCI
Mariana Cherner, PhD
 - Depression, Vascular Disease & MCI
Anand Kumar, MD
 - Anticholinergics, Benzodiazepines and MCI
Larry Tune, MD
- 4:00-5:00 Invited Discussant (*Mary Ganguli, MD, MPH* and *Meryl Butters, PhD*) and General Discussion
- 5:00 Adjourn



REGISTRATION INFORMATION

■ METHOD OF REGISTRATION

To register by mail or fax: please complete the registration form and send it with the payment to the above mailing address or fax number.

To register by email: provide the information requested on the registration form in an e-mail message and send to: mcisymposium@msmc.com

Registration confirmations will be issued.

Payment: Registration fees can be paid by credit card or check, no cash is accepted. Please make all checks payable to MCI SYMPOSIUM, MSMC.

Registration Fee Inclusions: Registration fees include admittance to all the scientific conferences, conference materials, validated parking, breakfast, lunch, refreshment breaks and welcome dinner as specified in the program.

Registration Hours: The conference registration desk will be staffed:

Friday, February 24 –

Meeting Room: Cotillion Room

7:00 am - 5:00 pm

Lunch: Topiary Garden

12:30 pm - 2:00 pm

Welcome Dinner

7:00 pm - 9:00 pm

Saturday, February 25 –

Meeting Room: Cotillion Room

7:00 am - 5:00 pm

Lunch: Harry's

12:30 pm - 2:00 pm

■ SYMPOSIUM LOCATION

EDEN ROC RESORT & SPA:

4525 Collins Ave, Miami Beach, FL 33140

Phone: 1-800-327-8337 • Fax: 1-305-674-5555



Located on prime oceanfront property overlooking world-renowned Miami Beach and the spectacular Intracoastal Waterway, the 349-room Eden Roc Renaissance has been magnificently restored. From the



beautifully carved Italian marble and mahogany reception desk to the highly polished original terrazzo floors, to the stunning grand circular lobby, the Eden Roc Renaissance welcomes guests with a gracious new contemporary spirit.



Resort amenities include the Spa of Eden, one of the top fitness spas in the country, and two oceanfront pools. Directly behind the hotel is a raised 3-mile board walk, which invites leisure strolling or jogging next to the ocean.

The world-famous South Beach Art Deco District and Lincoln Road Pedestrian Mall are just minutes away.

■ HOTEL RESERVATIONS

For the convenience of the 4th Annual MCI Symposium attendees, a limited number of rooms have been reserved at the special daily rate of \$269.00 (single or double occupancy, plus resort fees, state and local taxes). To receive this special rate, reservations must be made directly with the Eden Roc Resort and Spa and you must mention that you are a registrant of the 4th Annual MCI Symposium. Rooms will be held at the special rate until Tuesday, January 27, 2006. Rooms at the discounted rate will be allocated on a first-come, first-served basis. Reservations received after the cut-off date are subject to availability and prevailing rates.



FOR ROOM RESERVATIONS CALL: 1-800-327-8337

OR ACCESS THE HOTEL WEB SITE VIA

www.byrdinstitute.org/MCISymposium

Refund Policy: Full refund will be given if written notice is received not later than January 27, 2006. All refunds will be processed after the meeting.

REGISTRATION FORM

■ THREE EASY WAYS TO REGISTER:

ON LINE

www.byrdinstitute.org/MCISymposium

FAX US

Attn: Warren Barker
Fax to (305) 674-2996

MAIL US

Warren Barker
Wien Center
4300 Alton Road
Miami Beach, FL 33140

■ REGISTRANT INFORMATION Please print:

LAST NAME FIRST NAME MI

DEGREE: ☐ MD ☐ DO ☐ Ph.D ☐ OTHER _____

ADDRESS _____

CITY STATE ZIP CODE COUNTRY

E-MAIL FAX TELEPHONE

■ REGISTRATION FEES:

Physicians: Discounted: ☐ \$290.00 (if dated/postmarked by January 27)
☐ \$390.00 (if dated/postmarked after January 27)
☐ \$450.00 (on site registration)

Non-Physicians: Discounted: ☐ \$225.00 (if dated/postmarked by January 27)
☐ \$275.00 (if dated/postmarked after January 27)
☐ \$325.00 (on site registration)
☐ \$100.00 (students)

■ PAYMENT METHOD:

☐ American Express ☐ Master Card ☐ Visa ☐ Check in the amount of _____

Card No. _____ Expiration Date ____/____

Cardholder's Name _____

Signature _____

Payment must accompany registration form

■ ACCREDITATION

Mount Sinai Medical Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. Mount Sinai designates this continuing medical educational activity for a maximum of **15 Category 1 credits** toward the American Medical Association Physician's Recognition Award (AMA). Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

■ CEU ACCREDITATION

A total of 15 Continuing Education credits for Psychologists will be offered through MAGEC (Miami Area Geriatric Education Center)

■ DISCLOSURE STATEMENT

Mount Sinai Medical Center in accordance with the Standards for Commercial Support of the Accreditation Council for Continuing Medical Education (ACCME) will disclose the existence of any significant financial interest or other relationship between a faculty member or a sponsor has (1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in the educational presentation and (2) with any commercial supporters of the activity. Faculty is also required to disclose to the audience, during their presentation, any investigational/ unlabeled use that is discussed. Information concerning Faculty relationship with industry will be disclosed and available on the Symposium Syllabus and on meeting site.

■ CORPORATE SUPPORT

This symposium is made possible by unrestricted educational grants from pharmaceuticals companies; our appreciation is expressed for their support of this program. Sponsors will be listed in our Symposium Syllabus.

■ ACKNOWLEDGMENT

This symposium is being supported by the Florida Alzheimer's Disease Research Center.

■ SYMPOSIUM INFORMATION

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4TH ANNUAL MCI SYMPOSIUM

**FEBRUARY
24th & 25th
2006**

For information please contact:

Warren Barker

Phone: 305-674-2592

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