

*The Thirteenth Annual
Joseph P. Van Der Meulen Symposium
in Clinical Neuroscience*

DEMENTIA 2006:
Advances in Diagnosis and Treatment

Saturday, March 25, 2006

Keynote Address:
PRIONS: FROM BENCH TO BEDSIDE
by
Nobel Laureate Stanley B. Prusiner
*Director, Institute for Neurodegenerative Diseases
Professor of Neurology
University of California, San Francisco*

Louis B. Mayer Auditorium
USC Health Sciences Campus
Los Angeles, California

presented by

Keck School of Medicine of the University of Southern California
Office of Continuing Medical Education
Department of Neurology
Department of Psychiatry
USC Alzheimer Disease Research Center

JOSEPH P. VAN DER MEULEN, M.D.

The annual Joseph P. Van Der Meulen Symposium in Clinical Neuroscience honors Dr. Van Der Meulen, former Chairman of the Department of Neurology at the University of Southern California, for his contributions to the development of clinical and basic neuroscience. Dr. Van Der Meulen continues at USC as Professor of Neurology and Vice President for Health Affairs, Emeritus.

Dr. Van Der Meulen was born in Boston, Massachusetts and educated at the Public Latin School and Boston College before receiving his M.D. from Boston University. He served his internal medicine internship at Bellevue Hospital (Cornell Service) in New York and received his neurology training at the Harvard Neurological Unit of the Boston City Hospital where he was trained in neurology by Dr. Derek Denny-Brown. He subsequently spent two years at the Karolinska Institute studying neurophysiology with Professor Ragnar Granit, a Nobel Laureate. After serving on the faculty at Harvard and Case-Western Reserve, Dr. Van Der Meulen joined the Department of Neurology at USC in 1971, serving as Chairman until 1979.

During his tenure as Chairman of Neurology, he restructured the department and initiated the development of neuroscience. He served as Dean of the School of Medicine in 1985 and 1986 and as Interim Dean from 1995 - 1997. In addition to his organizational and administrative contributions, he has continued to teach and practice clinical neurology. His continuing activities on behalf of the medical community, the USC family, and the development of clinical and basic neurosciences make him a leader in education, health care, and research in the United States.

COURSE DESCRIPTION

This symposium offers an up-to-date review of the causes, diagnosis, and treatment of late-life dementias. The distinguished faculty is drawn from Federal- and State-supported Alzheimer Disease Research Centers. The target audience includes practicing neurologists, geriatricians, psychiatrists, internists, family medicine physicians, residents, nurses, and intermediate level practitioners.

As populations age throughout the world, dementia due to Alzheimer disease and related disorders has reached epidemic proportions. Rapid strides are being made in understanding neurodegenerative disorders such as fronto-temporal lobe dementia. Vascular risk factors have been linked to Alzheimer disease, as well as stroke and vascular dementia. Biomarkers and quantitative neuroimaging methods promise to improve early detection and diagnostic accuracy. Risk reduction strategies, new medication treatments, and models for delivery of quality dementia care continue to expand.

The keynote address entitled “Prions: From Bench to Bedside” will be delivered by Nobel Laureate Stanley B. Prusiner. The hope of finding a cure through translational research is exemplified in the epic battle against misfolded prion proteins – the cause of transmissible spongiform encephalopathies such as Creutzfeldt Jakob disease.

COURSE OBJECTIVES

- To consider the impact of dementia from a global perspective
- To provide a scientific update on the cause, diagnosis, and treatment of common neurodegenerative and vascular dementias
- To exemplify the iterative process from bench to bedside in the quest to cure prion disease
- To review the evidence supporting effective risk reduction for dementia
- To examine several models for delivering quality dementia care in the community

SCHEDULE

8:30 **Registration and Continental Breakfast**

9:00 **Welcome and Overview**
Helena Chang Chui, M.D.

EPIDEMIOLOGY

9:15 **Dementia Epidemiology: A Global Perspective**
Robert P. Friedland, M.D.

DIFFERENTIAL DIAGNOSIS: AD, FTD, DLB, CVD (Moderator: Lon Schneider, M.D.)

9:45 **Vascular Dementia**
Helena Chang Chui, M.D.

10:15 **Frontotemporal Dementia**
Bruce L. Miller, M.D.

10:45 **Break**

11:00 **Imaging: Diagnosis and Prediction of Dementia**
William J. Jagust, M.D.

11:30 **Genes and Biomarkers: Role in Diagnosis and Treatment**
Douglas R. Galasko, M.D.

12:00 **Discussion**

12:15 **Lunch**

TRANSLATIONAL RESEARCH

1:00 **KEYNOTE ADDRESS (Moderator: Leslie P. Weiner, M.D.)**

PRIONS: FROM BENCH TO BEDSIDE
Nobel Laureate Stanley B. Prusiner, M.D.

PREVENTION, TREATMENT, MANAGEMENT (Moderator: Robert Friedland, M.D.)

2:00 **Reducing Risk of Dementia: What Is the Evidence?**
Margaret Gatz, Ph.D.

2:35 **Pharmacological Treatment: Today and Tomorrow**
Lon S. Schneider, M.D.

3:10 **Models for Delivering High Quality Dementia Care in Community Settings**
Barbara G. Vickrey, M.D.

3:45 **Adjournment**

CME CREDIT

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The Keck School of Medicine of the University of Southern California designates this educational activity for a maximum of 5.75 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the educational activity.

The California State Board of Registered Nursing accepts courses approved by the AMA for category 1 credit as meeting the continuing education requirements for license renewal.

KEYNOTE SPEAKER

Nobel Laureate Stanley B. Prusiner

Prusiner, recipient of the Nobel Prize in Medicine (1997), discovered and characterized a new class of proteins called prions, which cause several rare and fatal neurodegenerative diseases such as Creutzfeldt-Jakob disease and “mad cow” disease. The identification of disease-causing pathogens that replicate without genes or nucleic acids, but by causing a change in the shape of proteins represents a conceptual and biological revolution. Dr. Prusiner’s work has opened a new field of medical research on misfolded proteins which is relevant to a wide range of neurodegenerative conditions such as Alzheimer disease, Parkinson disease, and amyotrophic lateral sclerosis.

SYMPOSIUM ORGANIZER

David Ko, M.D.
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COURSE DIRECTORS

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Los Angeles, California

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COURSE FACULTY

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Faculty Disclosure

As a sponsor accredited by ACCME, the Keck School of Medicine of USC must ensure balance, independence, objectivity, and scientific rigor in all its sponsored or jointly sponsored educational activities. All faculty participating in a sponsored activity are expected to disclose to the activity audience any significant financial interest or other relationships (1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and (2) with any commercial supporters of the activity. The intent of this disclosure is to provide listeners with information from which they can make their own judgements.

COURSE INFORMATION

Course Date: Saturday, March 25, 2006

Course Fee: \$50 Non-refundable. Preregistration and prepayment are requested so that we can plan adequately for your needs.

Location: Louis B. Mayer Auditorium, Keith Administration Building, USC Health Sciences Campus, 1975 Zonal Avenue, Los Angeles, California 90033. **Note: The recently remodeled auditorium with state-of-the-art equipment has about twenty-five percent less seating than before. If the course fills, on-site registration may not be available. Please register early.**

Registration and Exhibits: 8:30 a.m. to 9:00 a.m., Louise B. Mayer Auditorium Lobby

Continental Breakfast: 8:30 a.m. to 9:00 a.m.

Parking and lunch are provided. Parking instructions and a map to the Health Sciences Campus will be sent to registrants before the course. **Please register early so that you can receive these in the mail prior to the course.**

Information: For additional information, call 323-442-2555 or 800-USC-1119. FAX application to 323-442-2152 or 888-665-8650 (toll free). E-mail for CME course information: uscme@usc.edu Web site: www.usc.edu/cme

Disability: Advance notice of any special needs by March 10, 2006, will help us serve you better.

COURSE APPLICATION

Dementia 2006 (#2105)

March 25, 2006

Course fee: \$50 Non-refundable. (Preregistration and prepayment are requested so that we can prepare adequately.)

Please print:

Name: _____
(Last) (First) (Degree: M.D., D.O., R.N., etc.)

Medical License Number: _____ Email: _____

Daytime phone: (_____) _____ Fax: (_____) _____

Mailing address: _____

City: _____ State: _____ Zip + 4: _____

Specialty: _____

Please mark one:

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I wish to pay by VISA MASTERCARD

Card Number: _____ Expiration Date: _____

Amount: \$ _____ Authorized signature: _____

Please mail to: Office of Continuing Medical Education, Keck School of Medicine of USC, 1975 Zonal Avenue, KAM 317, Los Angeles, CA 90033-1039. To make course reservations, call 323-442-2555 or 800-USC-1119. Registrations may be faxed to 323-442-2152 or 888-665-8650 (toll free). Courses are subject to cancellation. Please check with the CME office for course availability if you register within 3 weeks of the starting date. **USC will not refund travel costs for canceled courses.**

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