

Early Detection of Alzheimer's Disease: Structural, Functional & Molecular Neuroimaging

September 19-20, 2003

Chase Park Plaza Hotel, St. Louis, Missouri, USA

Sponsored by the Alzheimer's Disease Research Center, Washington University School of Medicine

<http://www.adrc.wustl.edu>.

Program Schedule

Pre-Symposium Reception for Friends of the ADRC

Thursday, September 18, 2003

5:00 - 6:30 PM

Piano music from special guest and Symposium presenter Dr. Michael Weiner

Chase Park Plaza Hotel (Regency Room)

(Early arriving Symposium Faculty are invited to attend.)

Session 1: Structural Neuroimaging

Friday, September 19, 2003

Khorassan Ballroom, Chase Park Plaza Hotel

11:00 AM	Registration Desk Opens
11:30 AM	Symposium Faculty Luncheon – Grilled Chicken & Wild Rice (Plaza Room)
12:45 PM	Welcome & Opening Remarks <u>John C. Morris</u> , M.D., Friedman Distinguished Professor of Neurology; Co-Director, Alzheimer's Disease Research Center, Washington University
1:00	MRI / MRS: Risk and Progression in Alzheimer's Disease <u>Clifford R. Jack</u> , M.D., Professor of Diagnostic Radiology, Mayo Clinic
1:40	Predicting cognitive decline with MRI / MRS <u>Michael W. Weiner</u> , M.D., Professor of Medicine, Radiology, and Psychiatry, University of California - San Francisco
2:20	Measuring Progression: Could We Detect a Disease Slowing Effect with Serial MRI? <u>Nick C. Fox</u> , M.D., Clinical Scientist, Dementia Research Group, Institute of Neurology, University College, London
3:00	BREAK (<i>beverage & snack</i>)
3:30	Automated Methods for Brain Segmentation and Morphometric Analysis <u>Anders Dale</u> , Ph.D., Associate Professor of Radiology, Harvard University
4:10	Detecting Early Forms of AD using the Tools of Computational Anatomy <u>John G. Csernansky</u> , M.D., Couch Professor of Psychiatry, Washington University
4:50 – 6:00	Poster Session & Competition / Wine & Cheese Reception (Khorassan Ballroom – West)
7:00	Faculty Dinner (<i>for Symposium faculty & invited guests only, local restaurant to be announced</i>)

Day 2

Saturday, September 20, 2003
Khorassan Ballroom, Chase Park Plaza Hotel

Session 2: Functional Neuroimaging	
8:00 AM	Registration Desk Opens / Continental Breakfast
9:00	Welcome & Opening Remarks <u>David Holtzman</u> , M.D., Hagemann Professor of Neurology, Washington University
9:15	Imaging the Earliest Stage of AD: Metabolic Dysfunction in the Entorhinal Cortex <u>Scott A. Small</u> , M.D., Irving Assistant Professor of Neurology, Columbia University
10:00	Functional MRI studies of associative memory in early Alzheimer's disease <u>Reisa Sperling</u> , M.D., M.MSc., Assistant Professor of Neurology, Brigham & Women's Hospital
10:45	BREAK (<i>beverage & snack</i>)
11:15	Age-Associated Functional Changes in Memory Encoding <u>Randy Buckner</u> , Ph.D., Associate Professor of Psychology & Radiology, Washington University
12:00	Lunch Buffet (Lindell Room, below the Khorassan Ballroom) <i>Winner of Poster Session is announced.</i>

Session 3: Molecular Neuroimaging

1:15	FDG PET in the Study of Cognitively Normal Persons at Genetic Risk for AD <u>Eric Reiman</u> , M.D., Professor & Associate Head of Psychiatry, University of Arizona; Scientific Director, PET Center, Good Samaritan Regional Medical Center
2:00	Novel Ligands for Imaging Aβ Plaques <u>Hank F. Kung</u> , Ph.D., Professor of Radiology and Pharmacology, University of Pennsylvania
2:45	BREAK (<i>beverage & snack</i>)
3:15	Update on In Vivo Imaging of Plaques and Tangles <u>Gary W. Small</u> , M.D., Parlow-Solomon Professor on Aging, Professor of Psychiatry, University of California – Los Angeles
4:00	Benzothiazole Amyloid-Imaging Agents for PET <u>William E. Klunk</u> , M.D., Ph.D., Associate Professor of Psychiatry, University of Pittsburgh
4:45	Closing Remarks <u>John C. Morris</u> , M.D., Friedman Distinguished Professor of Neurology; Co-Director, Alzheimer's Disease Research Center, Washington University
5:00	Adjourn
6:00	Symposium Faculty Dinner (<i>Informal at local restaurant</i>)