Military Risk Factors for Alzheimer’s Disease

May 7-8, 2012

Hyatt Arlington, Arlington, VA

Organizing Chairs:

Col. Karl Friedl, Ph.D., TATRC
Michael W. Weiner, M.D., Veterans Administration/ NCIRE/UCSF
Maria C. Carrillo, Ph.D., Alzheimer’s Association
Robert Obana, CEO, NCIRE

MEETING OBJECTIVE: Considerable evidence suggests that military exposures such as traumatic brain injury or post traumatic stress disorder increase risk for developing neurodegenerative disease, such as Alzheimer's, causing cognitive impairment and dementia. These conditions, resulting from military service, impose terrible hardships on our veterans and their families, as well as significant costs to the health care system. Specific plans for studying this problem further and performing clinical trials to prevent Alzheimer’s disease and dementia in veterans will be discussed.

Monday, May 7th

6:00-7:30pm Opening Reception
Hyatt Arlington

Tuesday, May 8th

7:30am Breakfast

8:00-8:30am Welcome (Chairs)

8:30-9:00am Plenary Session

Session 1: Tools for TBI and Neurological Degenerative Disease
Chair: Michael Weiner, M.D. (Veterans Administration/ NCIRE/UCSF)

9:00-9:25am Military Traumatic Brain Injury
COL Michael Jaffee, M.D. (Departments of Neurology and Psychiatry, UT Health Sciences Center, San Antonio)
9:25-9:50am  Civilian Traumatic Brain Injury
Geoffrey Manley, M.D., Ph.D. (Department of Neurological Surgery, UCSF)

9:50-10:15am  Neuroimaging of Traumatic Brain Injury & Neurodegenerative Disease
Deborah Little, Ph.D. (University of Illinois, Chicago)

10:15-10:40am  ADAS-Cog work/NPS Other Tests for Early Cognition
Ronald Petersen, M.D., Ph.D. (Mayo Clinic, Rochester)

10:40-11:00am  Break

11:00-11:25am  Biomarkers for Alzheimer’s Disease or Traumatic Brain Injury
Henrik Zetterberg, Ph.D. (Clinical Neurochemistry, University of Goteborg)

11:50am-12:30pm  Group Synthesis I (All Session Speakers)
Recommendations on Best Practices for the Diagnosis of Neurodegenerative Disease

12:30-1:00pm  Lunch

Session 2: Neurological Disease and Post Traumatic Stress Disorder
Chair: COL. Michael Jaffe, M.D. (Departments of Neurology and Psychiatry, UT Health Sciences Center, San Antonio)

1:00-1:30pm  PTSD v. TBI
Roger Pitman, M.D. (Department of Psychiatry, MGH)

1:30-2:00pm  Civilian PTSD and TBI
Kristine Yaffe, Ph.D. (Veterans Administration/ NCIRE/UCSF)

2:00pm-2:30pm  Group Synthesis II (All Session Speakers)
Recommendations on How to Link TBI, Alz and PTSD

2:30-2:50pm  Break

Session 3: Samples of Convenience/Cohort Studies/ADNI 3
Chair: Maria Carrillo, Ph.D., Alzheimer’s Association

2:50-3:20pm  DOD ADNI 3
Michael W. Weiner, M.D. (Veterans Administration/ NCIRE/UCSF)
3:20-3:50pm  TBI and Sports
          Ann McKee, M.D. (Department of Neurology, Boston University)

3:50-4:30pm  An Integrative Diagnostics Approach to Identifying and Tracking Brain Injury
          Julie Chapman, Psy.D. (Veterans Administration)

4:30pm-5:00pm  Group Synthesis III (All Speakers)
                  Best Practices for Developing Cohort Studies of Neurodegenerative Disease

5:00-5:15pm  Final Synthesis: Conclusion and Closing Comments
          Moderator: Maria Carrillo, Ph.D. (Alzheimer’s Association)