Poster Session

**BIOMEDICAL RESEARCH POSTERS**

- Identification of First and Second Generation ATase1 and ATase2 Inhibitors that Reduce BACE1 Levels and Aβ Generation
  Yun Ding, Mi Hee Ko, Mariana Pehar, Frank Kotch, Noel R. Peters, Yun Luo, and Luigi Puglielli

- AdipoQ as a Novel Target for Age Associated Disease
  Neha Hasan, Micheal Polewski, and Rozalyn Anderson

- Long-lived *Drosophila* Larvae for Studies of Age Dependent Synaptic Degeneration and Repair
  Daniel Miller, Shannon Ballard, and Barry Ganetzky

- Serum Profiling for Early Detection of Increased Metabolic Syndrome Risk
  Michael Polewski, Ricki Colman, James Ntambi, Dhanu Shanmuganayagam, Mary Lindstrom, and Rozalyn Anderson

- Neuroprotection of the PPAR-y Agonist LY554862 Exhibits Dose-dependant Anti-inflammatory Properties in Parkinsonian Mice
  Christine Swanson, Eric Du, Viktoryia Bondarenko, Delinda Johnson, Jeffrey Johnson, and Marina E. Emborg

- The Focal Adhesion Kinase/Pyk2 Inhibitor PF-562,271 Impairs Primary CD4+ T Cell Activation
  Andrew J. Wiemer, Sarah A. Wernimont, and Anna Huttenlocher

- Genetic Modifiers of Insulin Resistance and its Impact on Brain and Cognition in Middle-aged Adults at Risk for Alzheimer’s Disease

**NEW INVESTIGATOR AWARD WINNERS**

- **For Biomedical Research:** Karl Miller
  PGC-1α Pathway as a Potential Target for Cancer Treatment
  Karl Miller, Josef Clark, Michael Polewski, Hannah Barbian, Meg van Nostrand, and Rozalyn Anderson

- **For Clinical/Applied Research:** Jacqueline K. Limberg
  Changes in Blood Flow Patterns with Participation in a Diet and Exercise Program in Adults with Pre-Diabetes
  Jacqueline Limberg, Rebecca E. Johansson, John W. Harrell, and William G. Schrage

- **For Psychosocial Research:** Hong-Min Ahn
  Social Relationships and Mortality in Older Men and Women
  Hong-Min Ahn and Stephanie Robert

(more posters on the reverse)
Poster Session

◊ CLINICAL/APPLIED RESEARCH POSTERS ◊

Optimizing Sensory, Rheologic, and Swallowing Parameters in the Development of Biophysically Designed Beverages for Swallowing Impaired Elders

• Relationship of Jumping Power with Commonly Used Muscle Function Tests as well as Arm and Leg Muscle Mass in Older Adults
Bjoern Buehring, Ellen Fiedler, Jessie Libber, Mary Checovich, Diane Krueger, and Neil Binkley

• Effect of Age, Radius Bone Mineral Density Measurement, and Use of Historical Height on “Sarco-Osteoporosis” Frequency
Bjoern Buehring, Diane Krueger, and Neil Binkley

• Aging and Brain Injury: Consequences and Preventative Measures
K.D. Farbota and S.C. Johnson

◊ PSYCHOSOCIAL RESEARCH POSTERS ◊

Perceived Value of Religiosity as a Predictor of Positive and Negative Caregiving Outcomes in Mexican-American Filial Caregivers
Clifton Barber and Cristi Pinela

• When to Call and When to Text?: Examining the Communication Preferences of Younger and Older Adults
Michael T. Braun

• Caregiving and Marital Quality: Evidence from MIDUS II
SunWoo Kang and Nadine F. Marks

• Why Minority Elders Do Not Use Hospice Care: Findings from a Meta-Analysis
Hyunjin Noh

• Frailty, Inflammation, and Psychological Well-Being in Older Adults
R.A. Roiland and S.M. Heidrich

• Stressful Life Events, Social Support, and Cognitive Function in Middle-Aged Adults with a Family History of Alzheimer’s Disease
Megan Zuelsdorff, Rebecca Koscik, and Corinne D. Engelman