

Monday, March 29

All symposium meetings will be held in the Abell Board room of the Lod Cook Conference Center (LSU Main Campus.)

- 9:00-9:30** **Jeffrey Keller, PhD**
Pennington Biomedical Research Center, Baton Rouge, LA
Welcome and Program Introduction
- 9:30-10:30** **Brian Gold, PhD**
University of Kentucky, Lexington, KY
Diffusion Tensor Imaging Markers of Normal Individuals at High Risk for Alzheimer's Disease
- 10:30-10:45** **BREAK**
- 10:45-11:45** **Naftali Raz, PhD**
Wayne State University, Detroit, MI
Differential Brain Aging, its Modifiers and Cognitive Correlates
- 11:45-12:45** **LUNCH**
- 12:45-1:30** **Steve Smith, MD**
Florida Hospital/Burnham Institute, Winter Park, FL
Imaging in obesity and diabetes translational research - a look into the crystal ball
- 1:30-2:15** **Kevin Conley, PhD**
University of Washington, Seattle, WA
Mitochondrial strategies for health: new insights from metabolic spectroscopy in vivo
- 2:15-2:30** **BREAK**
- 2:30-3:15** **Andrew Saykin, PsyD, ABCN**
Indiana University School of Medicine, Indianapolis, IN
Integration of Multi-modality Brain Imaging and Genomics for Early Detection of Alzheimer's Disease
- 3:15-4:00** **John Woodard, PhD**
Wayne State University, Detroit, MI
Using Functional Magnetic Resonance Imaging as an early Biomarker of Alzheimer's Disease
- 4:00-4:15** **BREAK**
- 4:15-5:00** **Wei Shen, MD**
St. Luke-Roosevelt Hospital, New York, NY
Magnetic Resonance Imaging and Spectroscopy Technology in Assessing Body Composition and Metabolism

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Mony de Leon, MD

New York University, New York, NY

Imaging and Biomarkers in the Early Diagnosis of Alzheimer's disease

9:45-10:30

Robert Ross, PhD

Queen's University, Kingston, Ontario

Utility of MRI and CT measurements of tissue quantity and quality through the lifespan

10:30-10:45

Break

10:45-12:15

Roundtable and Lunch