Brain, Cognitive Sciences, and Education Interdisciplinary Seminar Series 2011-2012.

Wednesday, November 16th, from 3p.m - 4:30p.m in 404 Rudder Tower

“Alzheimer’s Disease and Metabolic Dysfunction”

Dr. Ian V.J. Murray,
Department of Neuroscience & Experimental Therapeutics,
College of Medicine, Texas A&M Health Science Center.

For more information, please see below for the talk’s abstract and the speaker’s brief bio.

Abstract: Amyloids and metabolic dysfunction are common and early pathological features of several amyloid diseases such as atherosclerosis, Type II diabetes, amyotrophic lateral sclerosis, Parkinson’s and Alzheimer’s diseases. Reviewing the existing amyloid data, we have evidence for the Amyloids as Sensors and Protectors (ASAP) hypothesis. In this hypothesis amyloids sense dysfunction in disease pathology, and after misfolding, initiate protective cellular responses. Thus, amyloid formation initially is a beneficial and protective response to dysfunction.

Brief bio:
For Dr. Ian Murray’s brief bio, please visit:

All are welcomed, and we look forward to this opportunity for sharing, collaboration, and generation of innovative ideas and perspectives amongst scholars and scientists.

Best regards,

Jeffrey Liew and Yeping Li