

University of Arizona Evelyn F. McKnight Brain Institute

Scientific Program Agenda

Thomas W. Keating Bioresearch Building (BIO5 Institute), room 103
Wednesday, October 23, 2013

- 12:45pm – 1:10pm **Registration**
- 1:15pm – 1:20pm **Welcome**
Carol Barnes, Ph.D., Director, UA Evelyn F. McKnight Brain Institute (EMBI)
- 1:20pm – 1:25pm **Welcome**
Andrew Comrie, Ph.D., Provost, University of Arizona
- 1:25pm – 1:30pm **Welcome**
Jennifer Barton, Ph.D., Interim Vice President for Research, University of Arizona
- 1:30pm – 1:40pm **Welcome and Introduction by Trustees**
Lee Dockery, M.D., Trustee, McKnight Brain Research Foundation
- 1:40pm – 1:55pm **Update on UA Institute**
Carol Barnes, Ph.D., Director, UA Evelyn F. McKnight Brain Institute (EMBI)
- 1:55pm – 2:10pm **Assessment Clinic and Cognitive Test Battery Update**
Lee Ryan, Ph.D., Professor of Psychology; Affiliate Faculty, EMBI
- 2:10pm – 2:25pm **The Impact of Aging on Physiology and Function of the Prefrontal Cortex**
Stephen Cowen, Ph.D., Assistant Professor of Psychology; Affiliate Faculty, EMBI
- 2:25pm – 2:40pm **Aging Stem Cell Niche: A Target for Promoting Healthy Brain Aging and Preventing Neural Degeneration**
Lalitha Madhavan, M.D., Ph.D., Assistant Professor of Neurology; Affiliate Faculty, EMBI
- 2:40pm – 2:55pm **Avoiding Neuroinflammation: How the Co-evolution of the Mammalian Brain and the Parasite Toxoplasma Gondii Might Help Us Maintain High Levels of Cognition**
Anita Koshy, M.D., Assistant Professor of Neurology; Affiliate Faculty, EMBI
- 2:55pm – 3:15pm **Break**
- 3:15pm – 3:20pm **Additional Inter-Institutional Collaborations**
Carol Barnes, Ph.D., Director, UA Evelyn F. McKnight Brain Institute (EMBI)
- 3:20pm – 3:35pm **Imaging Working Group Update**
Gene Alexander, Ph.D., Professor of Psychology; Affiliate Faculty, EMBI
- 3:35pm – 3:55pm **Epigenetic Working Group Update**
Paul Coleman, Ph.D., Director and Senior Scientist, L.J. Roberts Center for Alzheimer's Research; Affiliate Faculty, EMBI
Matt Huentelman, Ph.D., Investigator, Neurobehavioral Research Unit, The Translational Genomics Research Institute; Affiliate Faculty, EMBI
- 3:55pm – 4:00pm **Therapeutic Efforts at UA Evelyn F. McKnight Brain Institute**
Carol Barnes, Ph.D., Director, UA Evelyn F. McKnight Brain Institute (EMBI)
- 4:00pm – 4:15pm **Multifunctional Radical Quenchers: A Novel Avenue for Cognitive Enhancement**
Sidney Hecht, Ph.D., Professor, Biodesign Institute, Arizona State University
- 4:15pm – 4:30pm **Ang (1-7): Treatment to Prevent Cognitive Impairment After Cardiac Surgery or in Chronic Heart Failure**
Meredith Hay, Ph.D., Professor of Physiology; Affiliate Faculty, EMBI
- 4:30pm – 4:45pm **Evaluating Therapies for the Aging Brain: Lessons from the Alzheimer's Prevention Initiative**
Eric Reiman, M.D., Director, Arizona Alzheimer's Consortium;
Affiliate Faculty, EMBI
- 4:45pm – 5:00pm **Potential for Development of Therapeutic Strategies in the State of Arizona**
Martha Brumfield, Ph.D., President and CEO, Critical Path Institute
- 5:00pm – 7:00pm **Reception** (Keating Lobby)

