Aging and Neurodegenerative Diseases
Jan. 25-27, 2024
Barrow Neurological Institute | Goldman Auditorium & Sonntag Pavilion
350 W. Thomas Road, Phoenix, AZ

Schedule of Events
Thursday, January 25, 2024

8:00 a.m. Coffee & Breakfast | Sonntag Pavilion

Opening Ceremony
8:30 a.m. Welcome to GRAL | Danielle Eagan, PhD
8:35 a.m. Welcome to Barrow Neurological Institute | Michael Lawton, MD, CEO and Yonas E. Geda, MD
8:45 a.m. Brief History of GRAL | Bernard François Michel, MD
9:00 a.m. Keynote | Behavioral Neurology, Neuropsychiatry and Beyond: Where do we go from here? | Bruce Price, MD

Normal Aging Session
10:00 a.m. The Neurobiology of Aging | Gregory A. Jicha, MD, PhD
10:45 a.m. Physiological Cognitive Changes in Aging and How to Prevent Cognitive Decline | Nicoletta Caputi, PhD
11:15 a.m. Moderator | Francois Boller, MD, PhD

Mild Cognitive Impairment Session
11:30 a.m. Mild Cognitive Impairment 2024: Diagnosis and Treatment | Ronald C. Petersen, MD, PhD
12:15 p.m. Preliminary Results from the REACT MCI Study | Susan Hernes, MD, PhD
12:45 p.m. Glymphatic and Meningeal Lymphatic Clearance of Substances from Human Brain: Possible Implications for Neurodegenerative Disease | Per Kristian Eide, MD PhD
12:45 p.m. Moderator | Yonas E. Geda, MD

1:00 p.m. Lunch | Sonntag Pavilion

Traumatic Brain Injury Session
1:30 p.m. Neuropsychology in the Era of Biomarkers: Diagnostic Updates for Chronic Traumatic Encephalopathy | Michael Alosco, PhD
2:15 p.m. The Experience of Mild Traumatic Brain Injury in Military Veterans | Bernard François Michel, MD
2:45 p.m. Domestic Violence, Aging & TBI | Glynnis Zieman, MD
3:15 p.m. Moderator | Javier Cardenas, MD

Brief Presentations by Poster Presenters
3:30 p.m. The Design and Conduct of a Plot Project on Mild Cognitive Impairment in Bahir Dar, Ethiopia | Dr. Gizachew Yismaw Wubetu
3:40 p.m. A Cabbage-Like Staple Diet in South Western Ethiopia and Cognition: a Case-Control Study | Dr. Lemessa Debela
3:50 p.m. Engaging the Silver Generation: Leveraging Internet and Multimedia for Recruiting Older Adults to Intervention Studies | Ms. Mari Schibstad
4:00 p.m. Trajectories of Occupational Cognitive Demands and Risk of Clinically-Assessed Mild Cognitive Impairment and Dementia in Later Life | Trine Holt Edwin, MD, PhD

6:00 p.m. Dinner | Seasons 52, 2502 E. Camelback Road, Suite 140, Phoenix, AZ 85016

Continued on back
Friday, January 26, 2024

8:00 a.m. **Coffee & Breakfast** | Sonntag Pavilion

**Parkinsonian Syndromes Session**

8:30 a.m. The Neurological Health Effects of Your Tesla | Brad Racette, MD
9:45 a.m. The Prefrontal Cortex: from Monkey to Man | Richard Levy, MD, PhD
10:30 a.m. Parkinson's Disease: How Genetics is Informing Diagnosis and Treatment | Holly Shill, MD
11:00 a.m. Non-Motor Symptoms in Parkinson's Disease: Neuroimaging and Behavioral Studies | Oury Monchi, PhD
11:30 a.m. **Moderator** | Alexander Troster, PhD, ABPP-CN

**11:45 a.m. Lunch & Poster Session** | Sonntag Pavilion

**Alzheimer's Disease & Related Disorders (ADRD) Session**

12:30 p.m. Addressing the Growing Alzheimer’s Crisis: Challenges and Opportunities | Anna Burke, MD
1:15 p.m. Cognitive Impairment in Normal Pressure Hydrocephalus | Justin Hoskin, MD
1:45 p.m. Alzheimer’s Disease and Atypical Alzheimer’s Syndromes | Parunyou Julayanont, MD
2:45 p.m. **Moderator** | Krista Hanson, PhD, ABPP-CN

**Therapeutic Approaches Session**

3:00 p.m. Alzheimer’s Disease: The Changing Therapeutic Landscape | Jeffrey L. Cummings, MD, ScD
3:45 p.m. Applying Translational Medicine to Repurpose Cancer Drugs for Alzheimer’s Disease | Marwan Sabbagh, MD
4:15 p.m. Anti-Amyloid Monoclonals: Most Effective in the Pre-Symptomatic Stage | Joseph Masdeu, MD, PhD
4:45 p.m. **Moderator** | Bernard François Michel, MD

6:00 p.m. **Dinner & Reception** | The Heard Museum, 2301 N. Central Avenue, Phoenix, AZ 85004

Saturday, January 27, 2024

8:00 a.m. **Coffee & Breakfast** | Sonntag Pavilion

**Cerebrovascular & White Matter Disease Session**

8:30 a.m. White Matter Dementia: Then...and Now | Christopher Filley, MD
9:15 a.m. The Fourth Circulation: The Importance of Glymphatic Circulation in Sleep, Dementia and Cerebrovascular Disease | Gustavo C. Roman, MD
9:45 a.m. Multiple Sclerosis and Aging | Anne-Marie Ergis, PhD
10:15 a.m. DTI Tractography and Cognitive Impairment in Vascular Dementia | Travis McCuddy, PhD
10:45 a.m. **Moderator & Closing Remarks** | Danielle Eagan, PhD