

Aging and Neurodegenerative Diseases

Jan. 25-27, 2024

Join Virtually Via Zoom or Attend In Person
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** | *François 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 | *Lemessa Debela, PhD candidate*

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*
2:15 p.m. Love and Primary Progressive Aphasia | *George Prigatano, PhD, ABPP-CN*
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*

International Scientific Committee Members

Bernard François Michel, MD
President, GRAL
Professor Aix-Marseille University, France

Yonas E. Geda, MD, MSc
Vice President, GRAL
Professor and Program Director,
Behavioral Neurology & Neuropsychiatry
Fellowship Program,
Barrow Neurological Institute

François Boller, MD, PhD
Clinical Professor of Neurology and
Rehabilitation Medicine, George Washington
School of Medicine & Health Sciences,
Washington DC

Nicoletta Caputi, PhD
Fellow, George Washington University and
University of L'Aquila, Italy

Ann-Marie Ergis, PhD
Professor at Paris Descartes, CPSC, France

Gabor G. Kovacs, MD, PhD
Professor in the Department of Laboratory
Medicine & Pathobiology,
University of Toronto, Canada

Bruce Price, MD
Chief, Department of Neurology,
McLean Hospital, Belmont Massachusetts

Program Committee Members

Danielle Eagan, PhD, ABPP-CN
Chair, USA Program Committee

Yonas E. Geda, MD, MSc
Vice President of GRAL

Justin Hoskin, MD
Vice Chair, USA Program Committee

Julie Lorelle
GRAL Secretary & Logistics Coordinator