

AAIC® Neuroscience Next is a global, no-cost virtual conference April 22-25, 2024 that utilizes an innovative “hybrid hub” model to share the work of international experts while also advancing insights from students, postdoctoral researchers and early career research professionals in cognitive, computational, behavioral, and other areas of neuroscience research.

Times are listed in North American Central Time and “hybrid hub” local times.

## MONDAY, APRIL 22

Central Daylight Time	Brasília Time	Live from the Brazil Hybrid Hub
1-1:05 p.m.	3-3:05 p.m.	<b>Welcome: Introduction to the Region</b>
1:05-1:25 p.m.	3:05-3:25 p.m.	<b>Plenary Presentation</b> Sandrine Humbert, Paris Brain Institute, ICM, France <i>The Future of Alzheimer's and Dementia Research: Neurodegenerative Diseases in the Context of Neurodevelopment</i>
1:25-1:35 p.m.	3:25-3:35 p.m.	<b>Plenary Q&amp;A</b>
1:35-1:55 p.m.	3:35-3:55 p.m.	<b>Lightning Presentation Round</b> Nicolás Corvalán, FLENI, Argentina <i>Risk factors and baseline cognition. Preliminary results from the LatAm-FINGERS cohort.</i>  Alvaro de Oliveira Franco, UFRGS, Brazil <i>Early menopause is linked to cognitive impairment in a nationally representative Brazilian sample</i>  Juliana Beker Godoy, UFPR, Brazil <i>Investigating cytokine brain cell-specific effects in Alzheimer's Disease</i>  Raissa Rilo Christoff, UFRJ, Brazil <i>GABAergic interneurons development is disrupted in a mouse model of Zika virus infection</i>
1:55-2 p.m.	3:55-4 p.m.	<b>Closing Remarks</b>
Central Daylight Time	Pacific Daylight Time	Live from the San Francisco, U.S. Hybrid Hub
2:30-2:35 p.m.	12:30-12:35 p.m.	<b>Welcome: Introduction to the Region</b>
2:35-2:55 p.m.	12:35-12:55 p.m.	<b>Plenary Presentation</b> Russell Swerdlow, University of Kansas, USA <i>The Future of Alzheimer's and Dementia Research: The Role of Mitochondrial Dysfunction in Alzheimer's Disease</i>

2:55-3:05 p.m.	12:55-1:05 p.m.	<b>Plenary Q&amp;A</b>
3:05-3:25 p.m.	1:05-1:25 p.m.	<p><b>Lightning Presentation Round</b>  Shubir Dutt, UCSF, USA  <i>Plasma glial fibrillary acidic protein is related to medial temporal perfusion in older adults</i></p> <p>Amanda McQuade, UCSF, USA  <i>Uncovering novel regulators of an interferon-responsive microglial state</i></p> <p>Amie Wallman-Jones, UCSF, USA  <i>Aw walks protect against longitudinal episodic memory decline in healthy older adults.</i></p> <p>Liana Rizzi, UCSF USA  <i>D13 caspase-6-cleaved tau, a novel biomarker to complement Alzheimer's disease diagnosis</i></p>
3:25-3:30 p.m.	1:25-1:30 p.m.	<b>Closing Remarks</b>

**TUESDAY, APRIL 23**

Central Daylight Time	India Standard Time	Live from the India Hybrid Hub
4-4:05 a.m.	2:30-2:35 p.m.	<b>Welcome: Introduction to the Region</b>
4:05-4:25 a.m.	2:35-2:55 p.m.	<p><b>Plenary Presentation</b>  Jennifer Yokoyama, University of California San Francisco, USA  <i>The Future of Alzheimer's and Dementia Research: Genetic Diagnoses of Familial Alzheimer's Disease and Frontotemporal Dementia in Diverse Populations</i></p>
4:25-4:35 a.m..	2:55-3:05 p.m.	<b>Plenary Q&amp;A</b>
4:35-4:55 a.m.	3:05-3:25 p.m.	<p><b>Lightning Presentation Round</b>  Akhilesh Khamkar, Institute of Medical Sciences, India  <i>Large-scale discovery of novel shared genetic etiology between cerebrovascular diseases and neurodegenerative diseases like Dementia, Multiple sclerosis, Parkinson's Disease, Amyotrophic Lateral Sclerosis</i></p> <p>Ahana Bhattacharya, NIMHANS, India  <i>To study the age-related neuronal changes in the human locus coeruleus by morphometric analysis.</i></p> <p>Sunil Khokhar, NIMHANS, India  <i>Machine Learning classification of Dementia: A Study on unified cortical thickness and FDG-PET</i></p> <p>Gautam Das, Bangur Institute of Neurosciences, India  <i>Are Executive functions and Episodic Memory Really Spared in Posterior Cortical Atrophy (PCA)?</i></p>
4:55-5 a.m.	3:25-3:30 p.m.	<b>Closing Remarks</b>

Central Daylight Time	Irish Time	Live from the Ireland Hybrid Hub
5:30-5:35 a.m.	11:30-11:35 a.m.	<b>Welcome: Introduction to the Region</b>
5:35-5:55 a.m.	11:35-11:55 a.m.	<b>Plenary Presentation</b> Claudia Suemoto, University of São Paulo, Brazil <i>The Future of Alzheimer's and Dementia Research: Mechanisms Underlying Risk Reduction</i>
5:55-6:05 a.m.	11:55 a.m.-12:05 p.m.	<b>Plenary Q&amp;A</b>
6:05-6:25 a.m.	12:05-12:25 p.m.	<b>Lightning Presentation Round</b> Florenca Altschuler, CONICET, Argentina <i>White matter hyperintensity differentially influences neurocognitive burden in Alzheimer's disease and frontotemporal dementia across Latin America and the United States</i>  Luiza Santos Machado, University of Gothenburg, Sweden <i>Metabolic Brain Network Architecture Reorganization in Brazilian Individuals with long-COVID</i>  Simone Ryan, University of Galway, Ireland <i>Participant and caregiver experiences of cognitive stimulation in activities of daily living for individuals living with mild-to-moderate dementia (CS-ADL)</i>  Qing Qi, Trinity College Dublin/GBHI, Ireland <i>Sex differences in the relationship between cognition and brain structure in midlife individuals at risk for future dementia</i>
6:25-6:30 a.m.	12:25-12:30 p.m.	<b>Closing Remarks</b>

## WEDNESDAY, APRIL 24

Central Daylight Time	East Africa Time	Live from the Ethiopia Hybrid Hub
7-7:05 a.m.	3-3:05 p.m.	<b>Welcome: Introduction to the Region</b>
7:05-7:25 a.m.	3:05-3:25 p.m.	<b>Plenary Presentation</b> Kirti Ranchod, University of Witwatersrand, South Africa <i>The Future of Alzheimer's and Dementia Research: Brain Health and Dementia Through the Lens of African Tradition and Culture</i>
7:25-7:35 a.m.	3:25-3:35 p.m.	<b>Plenary Q&amp;A</b>

7:35-7:55 a.m.	3:35-3:55 p.m.	<p><b>Lightning Presentation Round</b>  Kalab Girma, Addis Ababa University, Ethiopia  <i>MoCA B score in patients with Parkinsons disease and their age-matched controls at Tikur Anbessa Specialized Hospital, Yekatit 12 Specialized Hospital, and Zewditu Metasebia Hospital</i></p> <p>Chukwuanugo Ogbuagu, NAUTH, Nigeria  <i>Cross-cultural adaptation of Tablet-based Cognitive Assessment Tool (TabCAT) substests for early detection of cognitive impairment and dementia in primary health care facilities in Southeast Nigeria.</i></p> <p>Getahun Dibba, Addis Ababa University, Ethiopia  <i>Impaired insulin signaling: a link between type 2 diabetes mellitus and alzheimer's disease</i></p> <p>Abebe Mucbe, University of Global Health Equity, Rwanda  <i>Expression of vascular endothelial growth factor (VEGF) mRNA, VEGF receptor 2 (Flk-1) mRNA, and of VEGF co-receptor neuropilin (Nrp)-1 mRNA in brain tissue of aging Tg2576 mice by in situ hybridization</i></p>
7:55-8 a.m.	3:55-4 p.m.	<b>Closing Remarks</b>
<b>Central Daylight Time</b>	<b>Central European Summer Time</b>	<b>Live from the Serbia Hybrid Hub</b>
8:30-8:35 a.m.	3:30-3:35 p.m.	<b>Welcome: Introduction to the Region</b>
8:35-8:55 a.m.	3:35-3:55 p.m.	<p><b>Plenary Presentation</b>  John Hardy, University College London, United Kingdom  <i>The Future of Alzheimer's and Dementia Research: Genetics Based Treatment Options for Neurodegenerative Disease</i></p>
8:55-9:05 a.m.	3:55-4:05 p.m.	<b>Plenary Q&amp;A</b>
9:05-9:25 a.m.	4:05-4:25 p.m.	<p><b>Lightning Presentation Round</b>  Irena Jovanovic Macura, National Institute of Republic of Serbia, Serbia  <i>Amyloid beta accumulation in retinal blood vessels in AD mouse model is reduced following high dose fish oil supplementation</i></p> <p>Bojana Bjegojevi, Technological University Dublin, Ireland  <i>Exploring the utility of the EEG-based Engagement Index in a naturalistic task for real-time and continuous attention level tracking</i></p> <p>Vanda Balint, University of Belgrade, Serbia  <i>The role of SOX2 and SOX9 transcription factors in the reactivation-related cellular processes of NT2/D1-derived astrocytes</i></p> <p>Jovana Dinić, University of Belgrade, Serbia  <i>Age-dependent and Alzheimer's disease-associated morphological changes in miceileum</i></p>
9:25-9:30 a.m.	4:25-4:30 p.m.	<b>Closing Remarks</b>

## THURSDAY, APRIL 25

Central Daylight Time      Live from the Chicago, U.S. Hybrid Hub

**10-10:10 a.m.**      **Welcome: Introduction to the Region**

**10:10-10:30 a.m.**      **Plenary Presentation**  
Emrah Düzel, The German Center for Neurodegenerative Diseases (DZNE), Germany  
*The Future of Alzheimer's and Dementia Research: Non-pharmacological Interventions*

**10:30-10:40 a.m.**      **Plenary Q&A**

**10:40-11 a.m.**      **Lightning Presentation Round**  
Puja Agarwal, RUSH, USA  
*MIND diet associated with less hippocampal sclerosis: A Community-Based Neuropathologic Study*  
  
Ollie Fegter, Northwestern University, USA  
*Evaluation and Modification of the 10-Item Short Form Communicative Participation Item Bank for Persons with Primary Progressive Aphasia and their Communication Partners*  
  
Prachi Shah, The University of Chicago, USA  
*Assessing the Impact of an At-Home Therapeutic Arts Program on Mood and Behavior in Persons with Dementia*  
  
Carlyn Ellison Keeler, University of Illinois at Urbana-Champaign, USA  
*Navigating Cognitive Challenges: Insights from the Everyday Needs Assessment for Cognitive Tasks (ENACT) Study in Older Adults with Mild Cognitive Impairment*

**11-11:45 a.m.**      **Awardees Panel, Live from Chicago, U.S.**  
Panelists: Awardees of the Excellence in Neuroscience Mentoring Award (2) and One to Watch Award (4)

**11:45 a.m.-Noon**      **Closing Remarks**