

2018 International Conference - Promoting Healthy Brain Aging and Preventing Dementia: Research and Translation

Poster Presentation Schedule

Abstract #	Abstract Title	Presenting Author	Assigned Date/Time #1	Assigned Date/Time #2
1	A theoretical framework for using humor to reduce the effects of chronic stress on cognitive function in older adults: An integration of findings and methods from diverse areas of psychology	Sasha Mallya	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
2	Comparing mindfulness and psychoeducation interventions for family caregivers: The impact on cognitive function	Sasha Mallya	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
6	The Utility of the Mild Behavioral Impairment-Checklist in Detecting Neuropsychiatric Symptoms in Mild Cognitive Impairment and Dementia	Sophie Hu	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
7	Silent brain infarct manifestations and protective factors against vascular cognitive decline	Romella Durrani	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
10	Structural connectivity of Neuropsychiatric Symptoms (NPS) in association with cognitive decline and dementia	Sascha Gill	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
21	Effects of amyloid seeding on Morris water task performance	Sean Lacoursiere	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
23	Decoding Interacting Trajectories of Frailty and Memory Aging: Patterns of Change, Prediction, and Resilience	Sherilyn Thibeau	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
25	Amyloid β may be upregulated during ischemia to reduce pannexin-1 channel opening through an mGluR1-mediated mechanism	Laura Palmer	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
26	Design, Synthesis and Biological Evaluation Novel Polyfunctional Flavonoids based Derivatives as potent Acetylcholinesterase Inhibitors and Anti-Amnesic agents	Manjinder Singh	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
28	Gestational Stress Augments Females' Prone to Develop Alzheimer's Disease	Zahra Jafari	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
29	Relative Importance of Neuroimaging Biomarkers in Dementia: Predicting Global Cognition by Apolipoprotein E- ϵ 4 Carrier Status	Saira Mirza	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
32	COMPAs - An iPad app that supports communication in dementia	Michele Masson-Trottier	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
36	Sleep intervention and risk of cognitive decline: A systematic review	Roxanne Sterniczuk	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
39	Brain-based age prediction as a cognitive disease biomarker with deep learning: a longitudinal study	Luis Souto Maior	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
46	Preventing Functional and Cognitive Decline in Normal Aging: The Impact of Physical Exercise and Cognitive Multisensorial Stimulation in a Dual-Task Intervention Program	Natáli Valim Oliver Bento-Torres	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
47	Lateralization of inhibitory control revealed in VCI patients performing an anti-saccade task	Ying Chen	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM

2018 International Conference - Promoting Healthy Brain Aging and Preventing Dementia: Research and Translation

Poster Presentation Schedule

Abstract #	Abstract Title	Presenting Author	Assigned Date/Time #1	Assigned Date/Time #2
48	Predictors of daily life functionality in dementia patients differ by APOE-ε4 carrier status –Results from The Sunnybrook Dementia Study	Saira Mirza	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
52	Grading-driven brain age estimation in healthy individuals using 3D anatomical MRI	Simon Duchesne	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
53	The association between physical activity and executive function and memory in older adults	Kayla Hauck	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
55	Differences in baseline grading characteristics and episodic memory in individuals on the continuum from subjective cognitive decline to AD: Results from the CIMA-Q study	Simon Duchesne	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
58	A four-facet model of subjective memory decline in non-demented aging: Selective prediction sensitivity for women	Shannon Drouin	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
60	Mapping age-related changes in brain organization using high-field rs-fMRI	Stanislau Hrybouski	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
61	Less Isn't Always Better: Weight Status Differentially Impacts Semantic Related Cognition as a Function of Age and Sex	Linzy Bohn	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
62	Alzheimer's genetic and environmental/lifestyle risk scores are differentially associated with latent phenotypes of general cognitive ability (g) and dementia severity (d)	Shea Andrews	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
67	Evaluation of the Minds in Motion Program	Megan O'Connell	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
72	The Brain in Motion II randomized controlled trial: An aerobic exercise intervention for older adults at increased risk of dementia	Samantha Hall	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
73	Motoric Cognitive Risk Syndrome Differentiates Trajectories of Long-Term Cognitive Change	Stuart MacDonald & Alison Darnley	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
75	Quantifying Competing Definitions of Intraindividual Variability in Response Times: Associations with Attention Switching and Cognitive Status	Stuart MacDonald & Robert Stawski	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
76	Validating the Pictorial Fit-Frail Scale (PFFS) in a Memory Clinic Setting	Lindsay Wallace	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
78	Depressive Symptoms in Long Term Care Facilities in Western Canada: A Cross Sectional Study.	Zahra Goodarzi	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
80	The relationship between mild cognitive impairment and driving ability	Reyhaneh Bakhtiari	Wednesday, June 20, 5:15 – 6:00 PM	Thursday, June 21, 4:00 – 4:45 PM
5	Fine tuning cognitive assessment in the elderly using an online test battery	Avital Sternin	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM

2018 International Conference - Promoting Healthy Brain Aging and Preventing Dementia: Research and Translation

Poster Presentation Schedule

Abstract #	Abstract Title	Presenting Author	Assigned Date/Time #1	Assigned Date/Time #2
8	Cerebrovascular reactivity to carbon dioxide in patients with cerebral amyloid angiopathy: Preliminary data from the functional assessment of vascular reactivity to CO2 study (FAVRCO2)	Andrew Beaudin	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
13	Traumatic Brain Injury as a Potential Risk Factor for Developing Parkinson's disease	Julie Joyce	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
19	High Dose and Delayed Treatment with Bile Acids Ineffective in RML Prion-Infected Mice	Grant Norman and Valerie Sim	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
20	Diagnosis, Treatment, and Management of Apathy in Parkinson's Disease: A Scoping Review	Bria Mele	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
27	Alzheimer's Genetic Network Effects on Cognitive Trajectories are Moderated by Modifiable AD Risk Domains	G. Peggy McFall	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
30	The structural biology of misfolded proteins guides the design of novel, structure-based vaccines for neurodegenerative diseases.	Holger Wille	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
31	Brain slice culture: a tool for characterizing different strains of prion disease	Grant Norman and Valerie Sim	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
35	Assessment of Cortical Thickness and Cerebrovascular Reactivity in Patients with Cerebral Amyloid Angiopathy (CAA)	Arsenije Subotic	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
37	Investigating links between volunteering in the community and cognitive performance in older adulthood	Hayley Guiney	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
38	Cortical Microinfarcts on 3T MRI in Cerebral Amyloid Angiopathy: Relations with Other MRI Markers of CAA and Cognition	Hilde van den Brink	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
41	The Incremental Healthcare Costs of Dementia and Frailty among Home Care Recipients	Colleen Maxwell	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
42	Epigenetic deregulation through abnormal processing of SINE non-coding RNAs in aging brain and dementia: An integrative RNA genomics approach.	Athanasios (Athán) Zovoilis	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
43	Silent Brain Infarcts and Cognition: A Systematic Review and Meta-Analysis	Feeha Azeem	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
44	Cardiorespiratory fitness modifies intrinsic network connectivity in older adults differently for men and women	Christina J. Dimech	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
45	Examining the relevance of frailty to cholinesterase inhibitor (ChEI) use and discontinuation during transition to long-term care: a population-based cohort study	Colleen Maxwell	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
50	A Novel ex vivo Model for Characterization of Alzheimer's Disease Strains	Hailey Pineau	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM

2018 International Conference - Promoting Healthy Brain Aging and Preventing Dementia: Research and Translation

Poster Presentation Schedule

Abstract #	Abstract Title	Presenting Author	Assigned Date/Time #1	Assigned Date/Time #2
51	Basal ganglia and hippocampus volumes are associated with aerobic fitness and intra-individual variability in working memory performance in older adults	João Bento-Torres	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
54	“Alberta Dementia Research Futures”: The Alberta experience of developing a provincial dementia research framework	Heather Hanson	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
56	Longitudinal evaluation of dual-task walking in patients with Alzheimer’s Disease (AD).	Angela Juby	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
57	Behavioral and white matter correlates of neural response to increasing task demands in younger and older adults	Jenny Rieck	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
63	Investigating pupil dynamics in patients with neurodegenerative diseases	Jeff Huang	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
64	Integrating Characteristics of Executive Functions in Non-Demented Aging: Structure, Trajectories, Classification, and Biomarker Predictors	H. Sebastian Caballero	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
65	Selective effects of healthy aging on limbic white matter tracts: A diffusion tensor imaging tractography study.	Arash Aghamohammadi Sereshki	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
66	Association Between Surgery with General or Regional Anesthesia and Subsequent Development of Dementia	Dallas Seitz	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
69	Epigenetic Programming by Ancestral Stress via Inflammatory Systems Alters Age-Related Physical and Mental Health Decline in a Sexually Dimorphic Manner	Ambeskovic Mirela	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
70	Alpha-Klotho protein correlates with hippocampal volume related cognitive changes induced by aerobic exercise in older adults	Andreas Becke	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
71	Preliminary Results: Preventing Language Decline in Dementia	Alita Fernandez	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
74	Effects of 6-months aerobic exercise on cerebrovascular function and oxidative stress in older adults with and without Metabolic Syndrome	Chantal Rytz	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM
79	Predicting cognitive decline after TIA with diffusion tensor imaging and texture analysis of normal appearing white matter	Jake Ursenbach	Wednesday, June 20, 4:30 – 5:15 PM	Thursday, June 21, 4:45 – 5:30 PM