



2023

ROTMAN RESEARCH INSTITUTE
VIRTUAL CONFERENCE

Aging & the Brain

The Vascular System and the Aging Brain

Monday, March 20, 2023 (times are in EST)

9:00 am	Virtual RRI Gather.Town Doors Open
9:30 am - 11:40 am	Plenary 1: Systemic vascular health and brain aging
	Keynote address: Systemic physiological dynamics in fMRI signals Dr. Catie Chang, Vanderbilt School of Engineering
	A Neurovisceral Integration Perspective on the Aging Brain Dr. Julian F. Thayer, University of California Irvine
	Aging of the vasculature in Alzheimer's disease Dr. Tony Wyss-Coray, Stanford University
	Potential perturbations in brain aging Dr. Jessica Damoiseaux, Wayne State University
	Panel discussion
11:40 am - 12:30 pm	Networking in Gather.Town
1:30 pm - 2:50 pm	Poster Session in Gather.Town
3:00 pm - 4:30 pm	Plenary 2: Neuroimaging of aging and vascular health
	Quantitative imaging of cerebrovascular health in aging and disease Dr. Claudine Gauthier, Concordia University
	Central arterial stiffness, brain perfusion, structure and function across the adult lifespan Dr. Rong Zhang, University of Texas Southwestern Medical Center
	Relating microstructural and perfusion variations in aging. Dr. Jean Chen, Rotman Research Institute
	Panel Discussion
4:30 pm - 5:20 pm	Reception in Gather.Town

Tuesday, March 21, 2023 (times are in EST)

9:00 am	Virtual RRI Gather.Town Open
9:30 am - 11:40 am	Plenary 3: Vascular health and cognition in aging
	Keynote address: Neurobiology of cardiovascular stress physiology: Brain-to-body and body-to-brain mechanisms of disease risk Dr. Peter J. Gianaros, University of Pittsburgh
	Influence of cardiovascular risk factors on cognition and white matter integrity Dr. Lee Ryan, The University of Arizona
	Vascular White Matter Disease and Cognition Dr. Christopher Filley, University of Colorado Alzheimer's and Cognition Center
	Is vascular brain injury a core feature of Alzheimer's disease? Evidence from late onset and genetic forms Dr. Adam M. Brickman, Columbia University
	Panel discussion
11:40 am - 12:40 pm	Networking in Gather.Town
1:40 pm - 3:00 pm	Poster Session in Gather.Town
3:00 pm - 4:30 pm	Plenary 4 - Prevention and management of neurovascular disorders
	The benefits of exercise for brain health Dr. Jennifer J. Heisz, McMaster University
	How does cerebrovascular disease impair cognition, and can it be mitigated? Insights from electrophysiology and excitatory/inhibitory balance. Dr. Jed Meltzer, Rotman Research Institute
	Intersection of Neurovascular and Neurodegenerative Disorders in the new era of Disease Modifying Therapies for the Dementias Dr. Sandra E. Black, Sunnybrook Research Institute
	Panel discussion
4:40 pm - 5:00 pm	Poster Awards and Closing Remarks
5:00 pm - 5:45 pm	Closing Reception in RRI Gather.Town Meet the speakers and social gathering
6:00 pm - 7:15 pm	Public Panel Discussion in partnership with the Baycrest-led Centre for Aging + Brain Health Innovation (CABHI)

Please [visit our website](#) for additional details.