

2nd Annual Carol and Gene Ludwig Center for Research on Neurodegeneration Symposium

Thursday, October 9th, 2025

Location: Mortimer B. Zuckerman Mind Brain Behavior Institute, Jerome L. Greene Science Center, 3227 Broadway, NYC 10027

Symposium theme:
Genetics and Biology of Resilience and Resistance to Alzheimer's Disease

Time	Event	Speaker
8:00 - 8:45 AM	Registration and Welcome Coffee	
8:50 - 9:00 AM	Opening Remarks and Introduction	Peter St George-Hyslop Elizabeth Bradshaw
SESSION 1	Moderated by	Tal Nuriel
9:00 - 9:45 AM	<i>Deconstructing the Complexity of AD/ADRD: From Translational Epidemiology to Precision Medicine</i> "Charting a path to precision medicine for brain diseases"	David Bennett
9:50 - 10:20 AM	<i>Homeostatic Synapse Plasticity as a Mechanistic Target for Cognitive Resilience</i>	Swati Gupta
10:25 - 10:55 AM	<i>The neural implementation of cognitive reserve</i>	Yaakov Stern
11:00 - 11:30 AM	<i>Proteostasis Failure as a Driver of Alzheimer's Disease and Beyond</i>	Natura Myeku
11:35 - 11:55 AM	Q&A, Panel Discussion and Group Photo	
12:00 - 1:00 PM	Lunch Break and Round Table Discussion: Concepts in Neurodegeneration	Serge Przedborski James Goldman Lauren Sansing Jennifer Manly
SESSION 2	Moderated by	Jennifer Manly
1:10 - 1:40 PM	<i>Cell type-specific signatures associated with cognitive resilience to AD pathology</i>	Vilas Menon
1:45 - 2:15 PM	<i>Mechanisms of Human longevity and cognitive resilience</i>	Yousin Suh
2:20 - 2:50 PM	<i>Genetics of healthy aging in a high-risk population: What can we learn from Down syndrome?</i>	Laura Xicota Vila
2:55 - 3:20 PM	Q&A and Panel Discussion	
3:25 - 3:40 PM	Special Presentation by ONT Nanopore	Netha Ulahannan
3:45 - 4:00 PM	Coffee Break	
SESSION 3	Moderated by	Clarissa Waites
4:00 - 4:30 PM	<i>Using Integrative Functional Genomics to Decode the Mechanisms of Neurodegeneration</i>	Towfique Raj
4:35 - 5:05 PM	<i>Integrative Multi-Omics to identify resilience pathways in AD</i>	Badri Vardarajan
5:10 - 5:40 PM	<i>Risk and protective loci in admixed populations with Alzheimer's and related dementia</i>	Giuseppe Tosto
5:45 - 6:30 PM	Q&A and Panel Discussion and Closing Remarks	