

Cancer-Alzheimer's Disease Inverse Correlation (CADIC): From Biological Mechanisms to Therapeutic Potential

March 25-26, 2026

DAY 1 – MARCH 25, 2026

- 10:30 am – 10:50 am (ET) **Opening Remarks (NIA & NCI)**
Jennie Larkin, PhD (NIA) and Daniel Gallahan, PhD (NCI)
- 10:50 am – 11:00 am **Meeting Overview and Logistics**
Rebekah Feng, PhD (NIA)

SESSION 1	Epidemiological Evidence and Statistical Considerations
	<i>Session Moderator: Suzana Petanceska, PhD (NIA)</i>
11:00 am – 11:10 am	Session Introduction
11:10 am – 11:45 am	Investigating the Link Between Cancer and Neurodegeneration <i>Jane A. Driver, MD - Harvard Medical School/Dana Farber Cancer Institute/VA Boston Healthcare System</i>
11:45 am – 12:20 pm	Disentangling the Cancer-Dementia Relationship: Lessons from an Epidemiological Paradox <i>Lindsay Kobayashi, PhD - University of Michigan</i>
12:20 pm – 12:55 pm	The Inverse Association Between ADRD and Cancer: Evidence from Neuropathological Studies <i>Erin Abner, PhD - University of Kentucky</i>
12:55 pm – 1:15pm	Q & A <i>Panel of Speakers</i>

1:15 pm – 1:35 pm **Lunch Break**

SESSION 2		Mechanisms (Part 1)
		<i>Session Moderator: Malgorzata Klauzinska, PhD (NCI)</i>
1:35 pm – 1:40 pm	Session Introduction	
1:40 pm – 2:15 pm	Mutation-Specific Effects of Clonal Hematopoiesis on Alzheimer's Disease Pathophysiology	
	<i>Katherine King, MD, PhD - Baylor College of Medicine</i>	
2:15 pm – 2:50 pm	A Mechanism Driving the Inverse Association Between Alzheimer's Disease and Cancer: Amyloid Beta-40 Prevents Aging Stress-Induced Mitophagy in AD T-Cells to Improve Anti-Tumor Immunity	
	<i>Besim Ogretmen, PhD - Medical University of South Carolina</i>	
2:50 pm – 3:25 pm	Microglia in Alzheimer's Disease and Glioblastoma	
	<i>Dolores Hambarzumyan, PhD, MBA - University of Pennsylvania</i>	
3:25 pm – 3:45pm	Q & A	
	<i>Panel of Speakers</i>	

DAY 2 – MARCH 26, 2026

10:00 am – 10:10 am (ET) **Day 2 Meeting Overview**

Rebekah Feng, PhD (NIA)

SESSION 3		Mechanisms (Part 3)
		<i>Session Moderator: Laurie Ryan, PhD (NIA)</i>
10:10 am – 10:15 am	Session Introduction	
10:15 am – 10:50 am	Elucidating the Role of the Microbiota in the Antagonism Between Cancer and Degenerative Aging Diseases	
	<i>Christoph Kaleta, PhD - Kiel University/University Hospital Schleswig-Holstein</i>	
10:50 am – 11:25 am	Lessons About Cancer and Alzheimer's from the Study of Down's Syndrome	
	<i>Joaquin Espinosa, PhD - University of Colorado Denver/ Linda Crnic Institute for Down Syndrome</i>	

11:25 am – 12:00 pm	Melanoma Metastasis as an Inherited Disorder Suppressed by the APOE4 Alzheimer Variant <i>Sohail Tavazoie, MD, PhD - The Rockefeller University</i>
12:00 pm – 12:20 pm	Q & A <i>Panel of Speakers</i>

12:20 pm – 12:35 pm **Lunch Break**

SESSION 4	From Mechanisms to Therapeutic Innovations <i>Session Moderator: Cerise Elliot, PhD (NIA)</i>
12:35 pm – 12:40 pm	Session Introduction
12:40 pm – 1:15 pm	From Data to Knowledge: AI, Clinical Data and Multi-Omics for AD Diagnostics and Therapeutics <i>Marina Sirota, PhD - University of California San Francisco</i>
1:15 pm – 1:50 pm	Clinical Trial Design Considerations to Test Innovative Therapies Developed from the Cancer-AD Inverse Correlation <i>Mark Gilbert, MD - National Cancer Institute (Former)/ Fred Hutchinson Cancer Center</i>
1:50 pm – 2:25 pm	Hallmarks in Reverse and the Cancer-Alzheimer's Paradox: A Systems Biology View <i>Andrew Saykin, PsyD - Indiana University</i>
2:25 pm – 2:45 pm	Q & A <i>Panel of Speakers</i>

2:45 pm – 2:50 pm **Break**

Closed Door Breakout Session

2:50 pm – 3:00 pm **Introductions to Breakout Discussions**
3:00 pm – 4:00 pm **Breakout Room Discussions**
4:00 pm – 4:30 pm **Report Back & Presentations of Responses**

4:30 pm – 5:30 pm

Open Discussions of Future Directions

5:30 pm

Closing Remarks and Meeting Adjourns