



# The KNOWLEDGE FORUM Presents...an Evening Workshop

## A Look at the Connection Between Down Syndrome and Alzheimer's Disease: A Research Study

**When:** Tuesday, May 30, 2023

**Where:** Online via Zoom

**Time:** 6:30 - 8:00pm **Admission:** Free

**Required:** [Sign Up Here](#) (or scan the code) to register and receive further instruction to attend.



*Note: The Forum is being recorded and will be posted online for future viewing.*

Adults with Down syndrome (DS) are at high risk for developing Alzheimer's disease (AD). Virtually all people with DS have neuropathological changes consistent with AD by age 40 years, including deposits of amyloid-beta (A $\beta$ ) in diffuse and neuritic plaques, and most will develop clinical symptoms of dementia by their late 60s.

This high risk has been attributed, at least in part, to triplication and over-expression of the gene for the amyloid precursor protein (APP) on chromosome 21. However, there is wide variation in age at onset of dementia among those with DS, ranging from younger than 40 to 70+. This age range suggests that additional genetic, biological, and environmental factors modify the rate and degree and that these factors may be important modifiers of risk, accelerating or slowing disease progression.

CRDSS is pleased to bring this expert panel to share important information on this topic. We are fortunate to have this study conducted in Pittsburgh so members of our community are able to participate. Join us for this forum followed by a Q & A to allow deeper understanding.



The Alzheimer Biomarkers Consortium-Down Syndrome (ABC-DS) is a longitudinal study to follow a cohort of adults with Down syndrome over time to identify early biomarkers that may herald the onset of Alzheimer's disease. The investigators hope that these biomarkers can be useful to inform clinical trials and improve the quality of life in people with Down syndrome and for the general population.



## Presenters



Dr. Ben Handen



Dr. Michael Rafii



Dr. Annie Cohen

Alzheimer Biomarkers Consortium-Down Syndrome (ABC-DS) Researchers

**JOIN US** as Dr. Annie Cohen introduces the study being conducted on Alzheimer's Disease and Down Syndrome. Dr. Handen, one of the principal investigators of ABC-DS, will discuss recent findings from this large study of the aging brain in Down Syndrome. Dr. Rafii, Principal Investigator of the Alzheimer's Clinic Trial Consortium Down Syndrome will discuss findings from the Trial Ready Cohort-Down Syndrome study and the potential for future clinical trials for Alzheimer's disease therapies in adults with Down Syndrome.