## **Resource Summary Report**

Generated by <u>NIF</u> on May 19, 2025

# Seattle Alzheimer Disease Brain Cell Atlas

RRID:SCR\_023110 Type: Tool

#### **Proper Citation**

Seattle Alzheimer Disease Brain Cell Atlas (RRID:SCR\_023110)

#### **Resource Information**

URL: https://portal.brain-map.org/explore/seattle-alzheimers-disease

Proper Citation: Seattle Alzheimer Disease Brain Cell Atlas (RRID:SCR\_023110)

**Description:** Open atlas based on single cell profiling technologies with quantitative neuropathology and deep clinical phenotyping from middle temporal gyrus from neurotypical reference brains and brains from SEA-AD aged cohort that span spectrum of Alzheimer's disease. Produced via collaboration between Allen Institute for Brain Science, University of Washington Alzheimer Disease Research Center and Kaiser Permanente Washington Health Research Institute.

Abbreviations: SEA-AD

Resource Type: data or information resource, atlas

**Keywords:** Alzheimer's disease, single cell profiling, quantitative neuropathology, deep clinical phenotyping, middle temporal gyrus, neurotypical reference brains, SEA-AD aged cohort brains,

Related Condition: Alzheimer's disease

Funding: NIA U19AG060909

Availability: Free, Freely available

Resource Name: Seattle Alzheimer Disease Brain Cell Atlas

Resource ID: SCR\_023110

Record Creation Time: 20230116T062750+0000

Record Last Update: 20250516T054252+0000

### **Ratings and Alerts**

No rating or validation information has been found for Seattle Alzheimer Disease Brain Cell Atlas.

No alerts have been found for Seattle Alzheimer Disease Brain Cell Atlas.

#### Data and Source Information

Source: <u>SciCrunch Registry</u>

#### **Usage and Citation Metrics**

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Zhukovsky P, et al. (2024) Genetic influences on brain and cognitive health and their interactions with cardiovascular conditions and depression. Nature communications, 15(1), 5207.

Redmer T, et al. (2024) MET receptor serves as a promising target in melanoma brain metastases. Acta neuropathologica, 147(1), 44.

Serrano-Pozo A, et al. (2024) Astrocyte transcriptomic changes along the spatiotemporal progression of Alzheimer's disease. Nature neuroscience, 27(12), 2384.

Gabitto MI, et al. (2024) Integrated multimodal cell atlas of Alzheimer's disease. Nature neuroscience, 27(12), 2366.

Lee J, et al. (2023) Microglial REV-ERB? regulates inflammation and lipid droplet formation to drive tauopathy in male mice. Nature communications, 14(1), 5197.