

This Zenodo deposit contains a publicly available description of the Dataset:

## "Single nucleus RNA-sequencing of human postmortem hippocampus, middle frontal gyrus, and substantia nigra".

### Dataset Description:

Single nucleus RNA-seq data from hippocampus, middle frontal gyrus, and substantia nigra samples of human PD and control postmortem brains. All three brain regions were co-sampled from each donor to enable direct comparison of transcriptomic signatures across anatomically and functionally distinct regions within the same brain.

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**Dataset Name:** lee-pmdbs-sn-rnaseq, v1.0

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**Publication DOI:** NA

**Grant IDs:** [ASAP-000592]

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**ASAP Project:** Is senescence a component of human PD and does experimental senescence lead to alterations in PD-related gene expression?

**Project Description:** Characterize the neuropathological progression of PD with single-cell resolution, and determine the levels of senescence, as captured by a transcriptome signature.

**Submission Date:** 2023-09-28

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This dataset is made available to researchers via the ASAP CRN Cloud: [cloud.parkinsonsroadmap.org](https://cloud.parkinsonsroadmap.org). Instructions for how to request access can be found in the [User Manual](#).

This research was funded by the Aligning Science Across Parkinson's Collaborative Research Network (ASAP CRN), through the Michael J. Fox Foundation for Parkinson's Research (MJFF).

This Zenodo deposit was created by the ASAP CRN Cloud staff on behalf of the dataset authors. It provides a citable reference for a CRN Cloud Dataset