

---

# ASAP CRN Cloud Collaborating Teams and Contributors

The Authorship List provides an easy to reference list of contributors to the ASAP CRN Cloud data. It is intended to be used to provide credit to contributing teams when publishing manuscripts that use ASAP CRN Cloud data.

## Collaborating Teams:

**Product Design Core:** Kate Trimble<sup>1</sup>, Dave Alonso<sup>1</sup>, Bradford Casey<sup>1</sup>, Michelle Durborow<sup>1</sup>, Leslie Kirsch<sup>1</sup>, Shalini Padmanabhan<sup>1</sup>, Sonya Dumanis<sup>2</sup>

**Data Curation Core:** Andy Henrie<sup>3</sup>, Hampton Leonard<sup>3</sup>, Mike Nalls<sup>3</sup>

**Software Development Core:** Willy Nojopranoto<sup>4</sup>, Matt Bookman<sup>4</sup>, John Bates<sup>4</sup>, Jeremy Adams<sup>5</sup>, Elsa Mastrogiacomo<sup>5</sup>, Alexander Morin<sup>5</sup>, Matthieu Darracq<sup>5</sup>, Javier Diaz-Mejia<sup>5</sup>, Monica Vucko<sup>5</sup>, Heather Ward<sup>5</sup>, Karen Fang<sup>5</sup>, Maggie Clark<sup>5</sup>, Elise Cormie<sup>5</sup>, Miro Cupak<sup>5</sup>

## DOI References

### *Collections*

Collection Name	DOI
Human Postmortem-Derived Brain Bulk RNAseq Collection	<a href="https://doi.org/10.5281/zenodo.14373343">10.5281/zenodo.14373343</a>
Human Postmortem-Derived Brain Sequencing Collection	<a href="https://doi.org/10.5281/zenodo.14373048">10.5281/zenodo.14373048</a>
Mouse single-cell RNA-seq collection	<a href="https://doi.org/10.5281/zenodo.17860975">10.5281/zenodo.17860975</a>

### *Datasets*

Data Set Name	DOI
Bulk RNA-seq analysis of the striatum in G2019S LRRK2 knockin mice under a specialized diet	<a href="https://doi.org/10.5281/zenodo.18273802">10.5281/zenodo.18273802</a>
Bulk RNA sequencing of human post-mortem brain tissue from Parkinson's disease and control donors	<a href="https://doi.org/10.5281/zenodo.16749098">10.5281/zenodo.16749098</a>
Bulk RNA sequencing of human post-mortem brain tissue from Parkinson's disease and control donors	<a href="https://doi.org/10.5281/zenodo.16749007">10.5281/zenodo.16749007</a>

---

Bulk RNAseq of dopaminergic neurons in vitro cultures	<a href="https://doi.org/10.5281/zenodo.17149266">10.5281/zenodo.17149266</a>
Bulk RNAseq of microglia in vitro cultures	<a href="https://doi.org/10.5281/zenodo.17149290">10.5281/zenodo.17149290</a>
Bulk RNA-sequencing of human middle frontal gyrus	<a href="https://doi.org/10.5281/zenodo.16748937">10.5281/zenodo.16748937</a>
Deep bulk RNAseq of neurological controls and PD brains	<a href="https://doi.org/10.5281/zenodo.16929448">10.5281/zenodo.16929448</a>
Golgi-IP, a tool for multimodal analysis of Golgi molecular content	<a href="https://doi.org/10.5281/zenodo.17355407">10.5281/zenodo.17355407</a>
Human fecal shotgun metagenomic sequencing in Parkinson's disease individuals, non-manifesting GBA1 variant carriers and healthy controls	<a href="https://doi.org/10.5281/zenodo.18353680">10.5281/zenodo.18353680</a>
Human Sigmoid Colon Protein CosMx Dataset	<a href="https://doi.org/10.5281/zenodo.17917771">10.5281/zenodo.17917771</a>
Human Sigmoid Colon RNA CosMx Dataset	<a href="https://doi.org/10.5281/zenodo.17917788">10.5281/zenodo.17917788</a>
Oral treatment of Thy1-ASO mice with Faecalibacterium prausnitzii	<a href="https://doi.org/10.5281/zenodo.18989559">10.5281/zenodo.18989559</a>
Parkinson5D: deconstructing proximal disease mechanisms across cells, space, and progression	<a href="https://doi.org/10.5281/zenodo.16885839">10.5281/zenodo.16885839</a>
PD5D MEGA Chip Genotype	<a href="https://doi.org/10.5281/zenodo.17242295">10.5281/zenodo.17242295</a>
PD5D snRNAseq	<a href="https://doi.org/10.5281/zenodo.16751625">10.5281/zenodo.16751625</a>
PD5D snRNAseq hybrid selection	<a href="https://doi.org/10.5281/zenodo.16885839">10.5281/zenodo.16885839</a>
PD5D Visium10x spatial transcriptomics	<a href="https://doi.org/10.5281/zenodo.17242087">10.5281/zenodo.17242087</a>
Quantitative DIA-based proteomic analysis of lysosomes (Lyso-IP) from VPS35[D620N] Mouse Embryonic Fibroblasts (MEFs)	<a href="https://doi.org/10.5281/zenodo.18476408">10.5281/zenodo.18476408</a>
Quantitative DIA-based proteomic analysis of lysosomes (Lyso-IP) from VPS35[D620N] Mouse Embryonic Fibroblasts (MEFs) with LRRK2 inhibition	<a href="https://doi.org/10.5281/zenodo.18476410">10.5281/zenodo.18476410</a>

---

Single Cell RNASeq of motor cortex in a mouse model of alpha-synuclein pathology	<a href="https://zenodo.org/record/15485103">10.5281/zenodo.15485103</a>
Single nuclei sequencing of brain regions from healthy and Parkinson's Disease individuals	<a href="https://zenodo.org/record/15162834">10.5281/zenodo.15162834</a>
Single Nucleus RNA sequencing of the Striatum of Two Murine Parkinson's Disease Models	<a href="https://zenodo.org/record/15400039">10.5281/zenodo.15400039</a>
Single nucleus RNA-sequencing of human postmortem hippocampus, middle frontal gyrus, and substantia nigra	<a href="https://zenodo.org/record/16744323">10.5281/zenodo.16744323</a>
Single-cell transcriptomic and proteomic analysis of Parkinson's disease brains	<a href="https://zenodo.org/record/15490150">10.5281/zenodo.15490150</a>
Single-nucleus RNA sequencing of human post-mortem brain tissue from Parkinson's disease and control donors	<a href="https://zenodo.org/record/16749080">10.5281/zenodo.16749080</a>
Single-nucleus RNA sequencing of human post-mortem brain tissue from Parkinson's disease and control donors	<a href="https://zenodo.org/record/16777108">10.5281/zenodo.16777108</a>
Single-nucleus RNA-seq analysis of the ventral midbrain in G2019S LRRK2 knockin mice under a specialized diet	<a href="https://zenodo.org/record/18273808">10.5281/zenodo.18273808</a>
Single-nucleus RNAseq of the post-mortem cingulate cortex and substantia nigra from control and Parkinson's disease brains	<a href="https://zenodo.org/record/17612853">10.5281/zenodo.17612853</a>
Single-nucleus transcriptomic analysis of the dorsal striatum from 6-month-old G2019S LRRK2 mutant mice	<a href="https://zenodo.org/record/17212215">10.5281/zenodo.17212215</a>
snRNAseq of olfactory epithelium with AAV serotypes for transduction of olfactory sensory neurons in Mus musculus	<a href="https://zenodo.org/record/17358328">10.5281/zenodo.17358328</a>
Spatial Transcriptomics data (GeoMx) of midbrain dopamine cells in control and PD subjects	<a href="https://zenodo.org/record/15480990">10.5281/zenodo.15480990</a>
Spatial Transcriptomics of the Striatum of Two Murine Parkinson's Disease Models.	<a href="https://zenodo.org/record/15428115">10.5281/zenodo.15428115</a>
Understanding mechanisms of Parkinson's disease progression	<a href="https://zenodo.org/record/16751625">10.5281/zenodo.16751625</a>