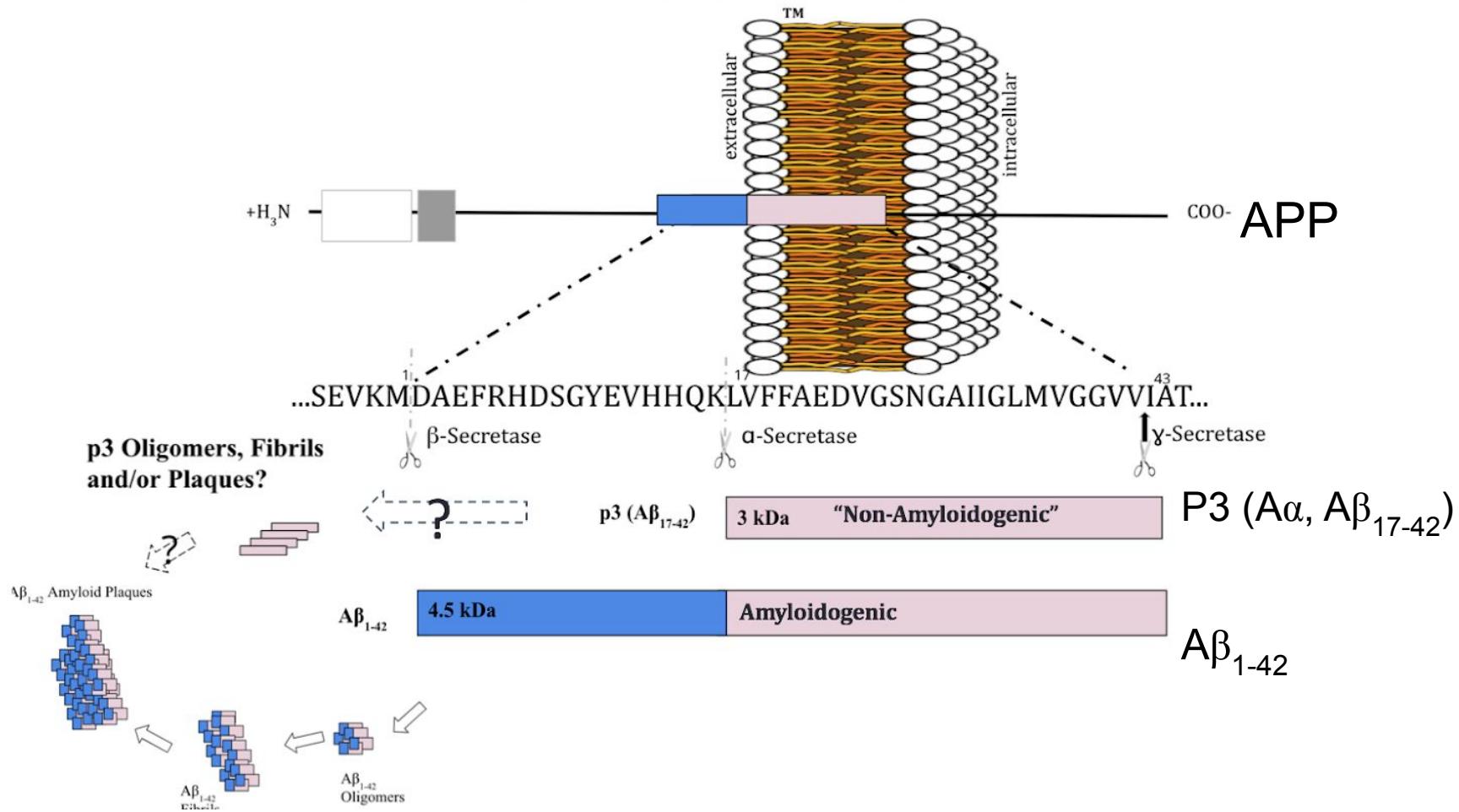


# $\text{A}\beta$ and $\text{A}\alpha$ cleavage pathways from the Amyloid Precursor Protein (APP)



# Previous

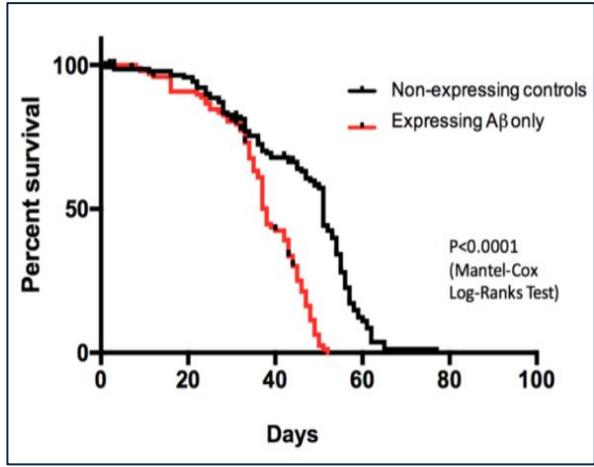
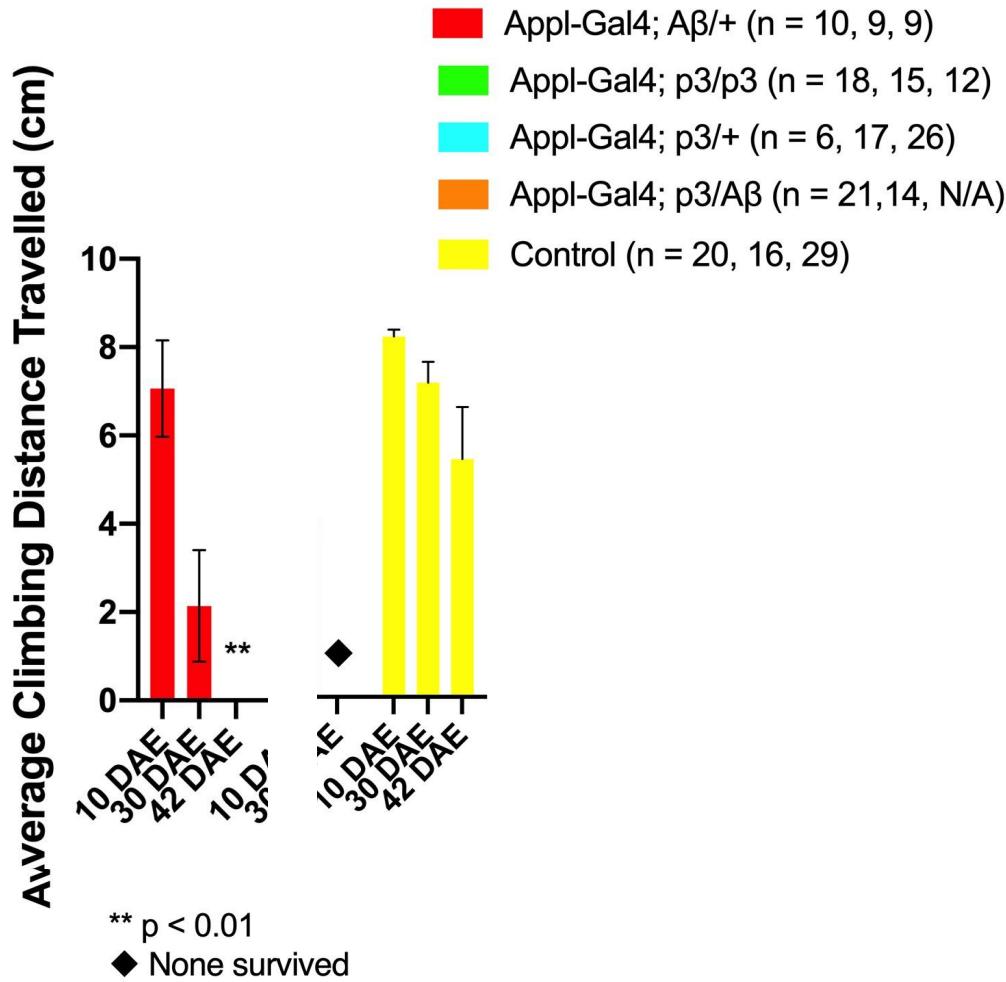


Figure 3: Previous Longevity assay, conducted in the Lee lab, compared pan-neuronal A $\beta_{42}$  expressing flies vs non-expressing. There is a significant lifespan deficit in A $\beta_{42}$  expressing flies compared to non-expressing.

# Rapid Iterative Negative Geotaxis (RING) assay measuring the decline in locomotor function using climbing distance as a measure

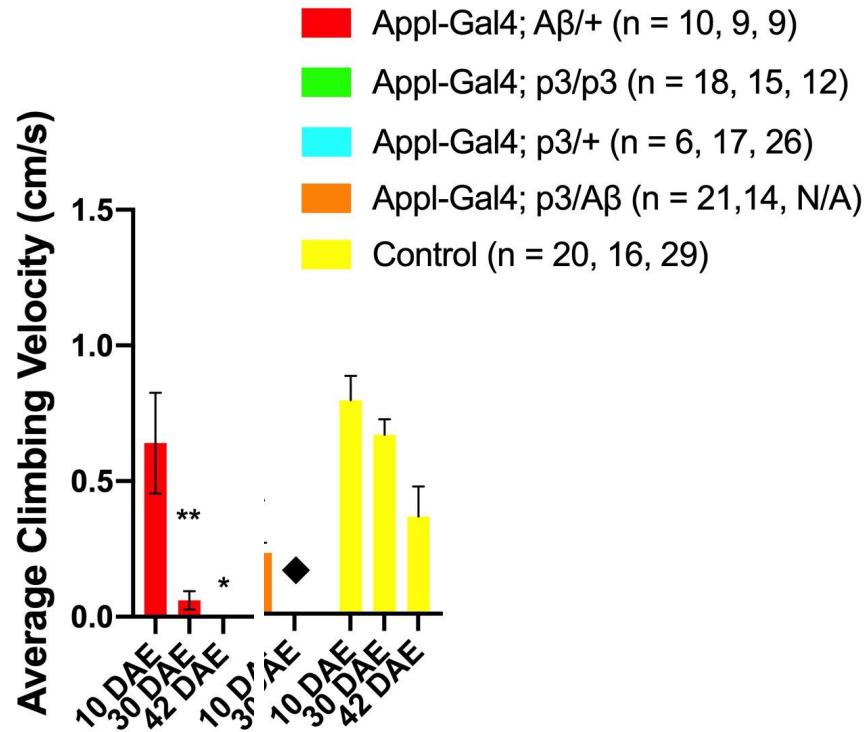


\*\* p < 0.01

◆ None survived

Two-way ANOVA with Tukey Multiple Comparisons Test

# Rapid Iterative Negative Geotaxis (RING) assay measuring the decline in locomotor function using climbing velocity as a measure



\*\* p < 0.01

\* p < 0.05

◆ None survived

Two-way ANOVA with Tukey Multiple Comparisons Test