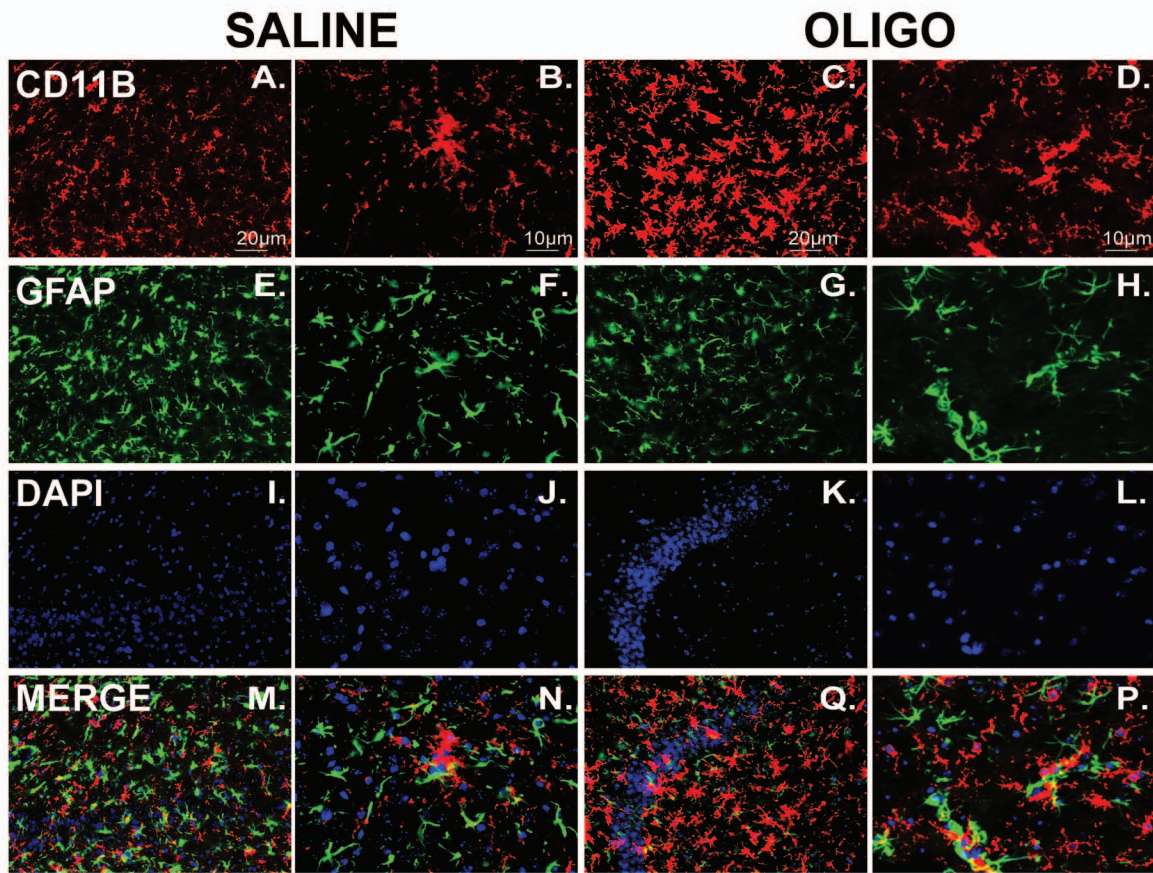


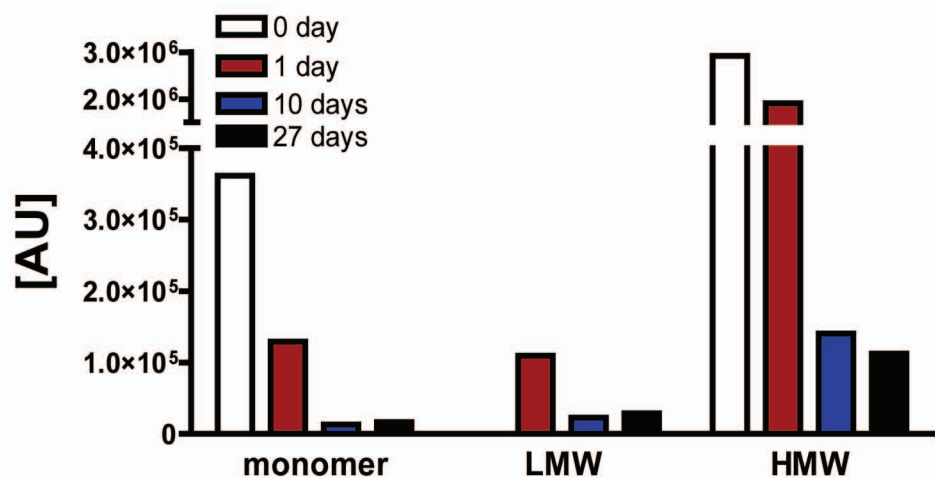
SUPPLEMENT FIGURES

Supplement Figure 1. Microglial but not astrocytic activation was increased by chronic oligomer infusion in rTg4510 mouse brain. Activated microglia are visualized by CD11b immunofluorescence stain of tissue from saline and OLIGO infused rTg451 mice (A, C), Higher magnification of CD11b positive microglia is shown in panels B and D. Astrocytes are visualized by immunofluorescence stain using GFAP antibody (green) in saline (E) and OLIGO (G) infused rTg4510 mice. Higher magnification of glia markers were presented in panels F and H. DAPI is used to stain nuclei (blue) and is represented by panels I-L. Panels M-P depict the merging the three fluorescent channels. The scale bar represents 10 μm in B, D, F, H, J, L, N and P and 20 μm in A, C, E, G, I, K, M and Q.

Supplement Figure 2. Stability of oligomeric A β within the minipump decreases after 10 days. 100 μM A β 42-derived oligomers were incubated within the osmotic pump in PBS at pH 7.4 and 37 $^{\circ}\text{C}$. Aliquots were collected 1, 10 or 27 days and subjected to SDS-PAGE and western blot using the 6E10 antibody. Densitometry analysis of the monomer band at 4.5 kDa, low molecular weight species (LMW) ranging from 6-17 kDa, and high molecular weight species (HMW) between 38-180 kDa, were plotted.



Selenica et al., Supplement Figure 1



Selenica et al., Supplement Figure 2