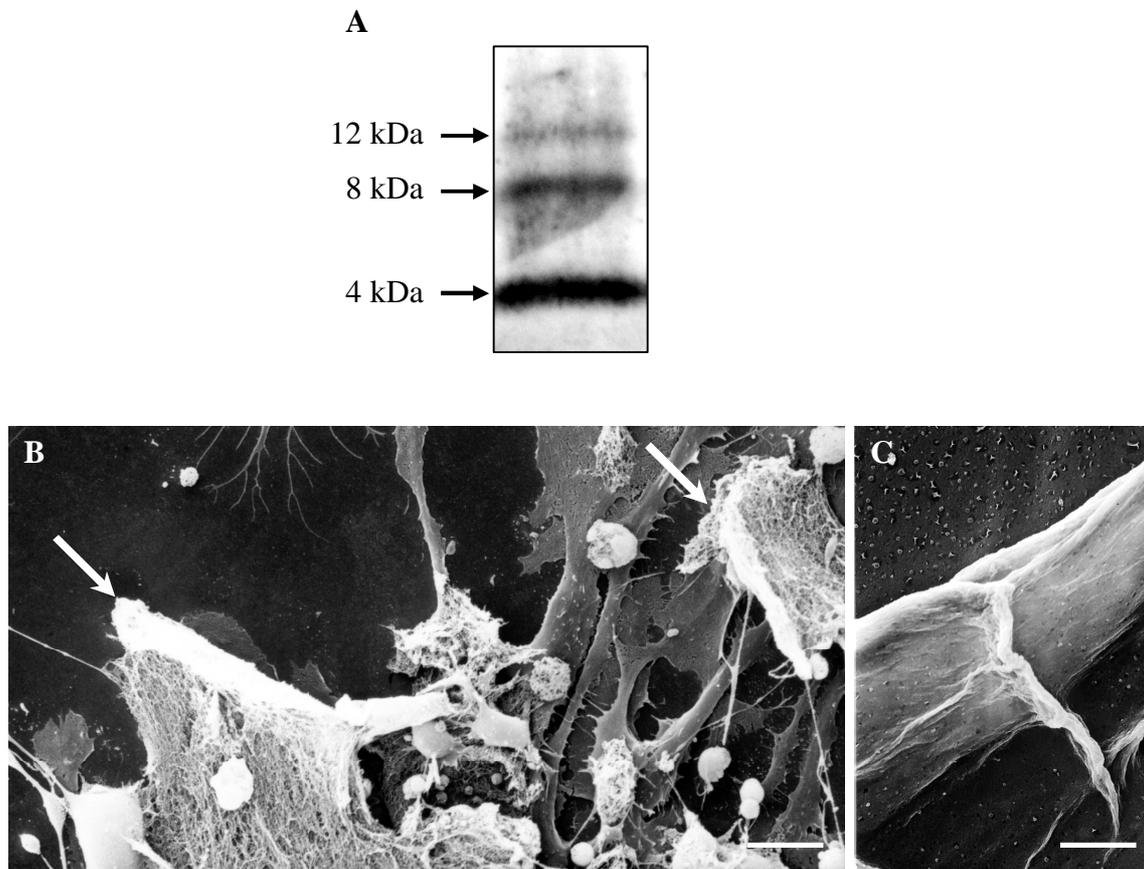


Additional file 2

Figure S2. State of exogenous A β 42 assembly in primary mixed murine cultures.



(A) Representative immunoblot showed A β 42 previously incubated 48h for its polymerization and then after 72h at 20 μ M (or exactly 11 nmol in 550 μ L of medium in each well receiving A β 42) in the culture medium at 37°C. The anti-amyloid antibody recognizes a specific band at 4 kDa for monomeric form and oligomers at 8 and 12 kDa under non-denaturing and non-reducing conditions. This anti-amyloid antibody (clone WO2) specifically recognizes between amino acid residues 4-10 of A β .

(B) A β 42 fibrils were visualized by scanning electron microscopy in cells incubated with 20 μ M A β 42 in the same experimental conditions as above. White arrows indicated amyloid deposits in the co-culture. **(C)** Higher magnification of dense A β 42 fibrils.

Scale bars: 7 μ m (B) and 13 μ m (C).