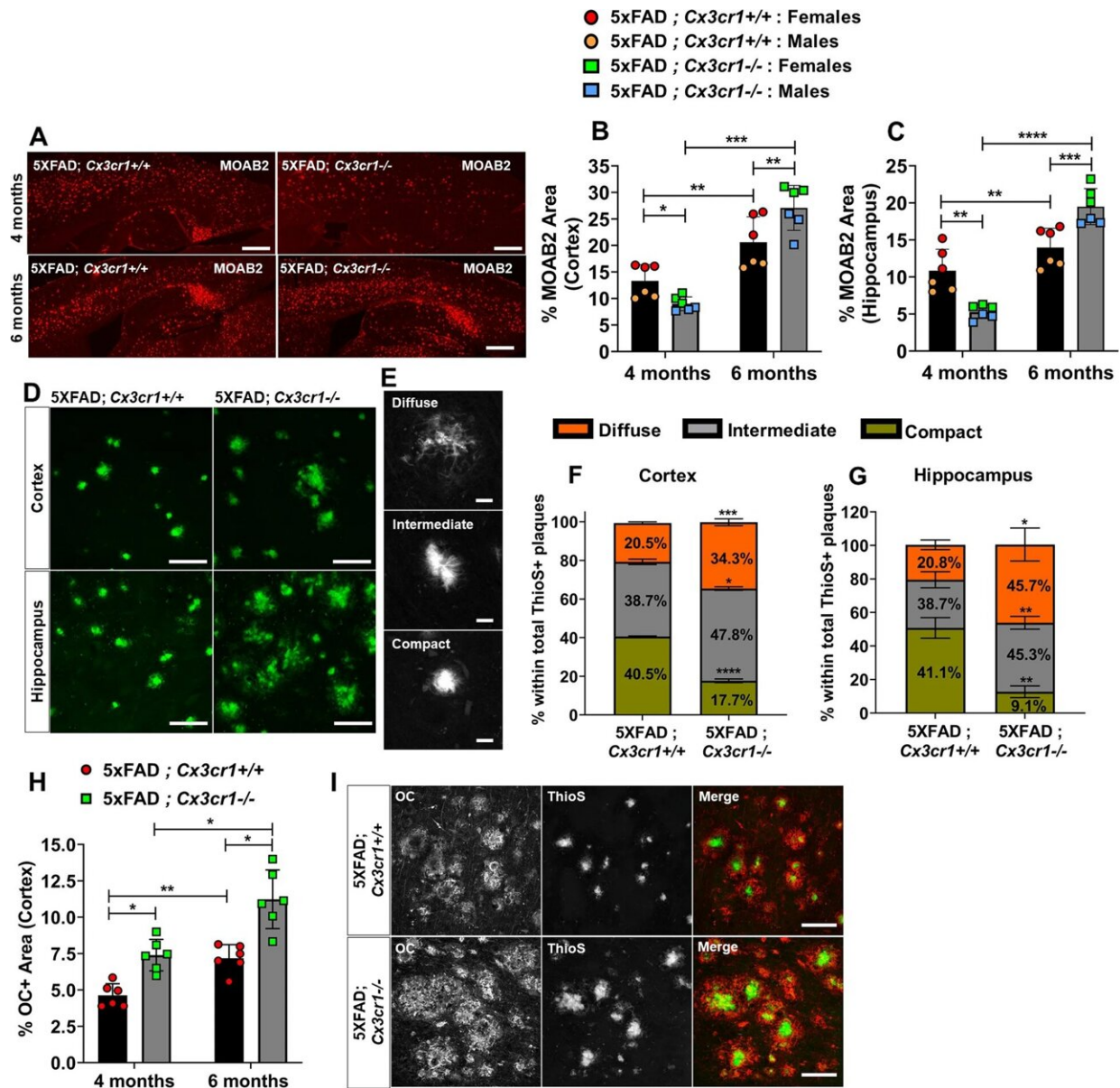


Researchers investigate brain's immune cell response in Alzheimer's disease

November 3 2022



Accelerated plaque deposition in 5xFAD mice deficient in *Cx3cr1*. (A) Accumulation of MOAB2⁺ A β ₄₂ plaques in (top panels) 4 month-old vs. (bottom panels) 6 month-old 5xFAD;*Cx3cr1*^{+/+} and 5xFAD;*Cx3cr1*^{-/-} mice. Scale bars = 500 μ m. Quantification of %MOAB2⁺ areas in the (B) cortex and (C) hippocampus of 4 and 6 month-old 5xFAD;*Cx3cr1*^{+/+} (black bars) and 5xFAD;*Cx3cr1*^{-/-} (gray bars) mice. Data in B,C represent mean proportions of cortical and hippocampal MOAB2⁺ areas quantified using $n = 6$ animals (3 females, 3 males) per genotype, per time-point. Error bars represent SEM. Statistical analysis done using two-way ANOVA (p^{int} cortex

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