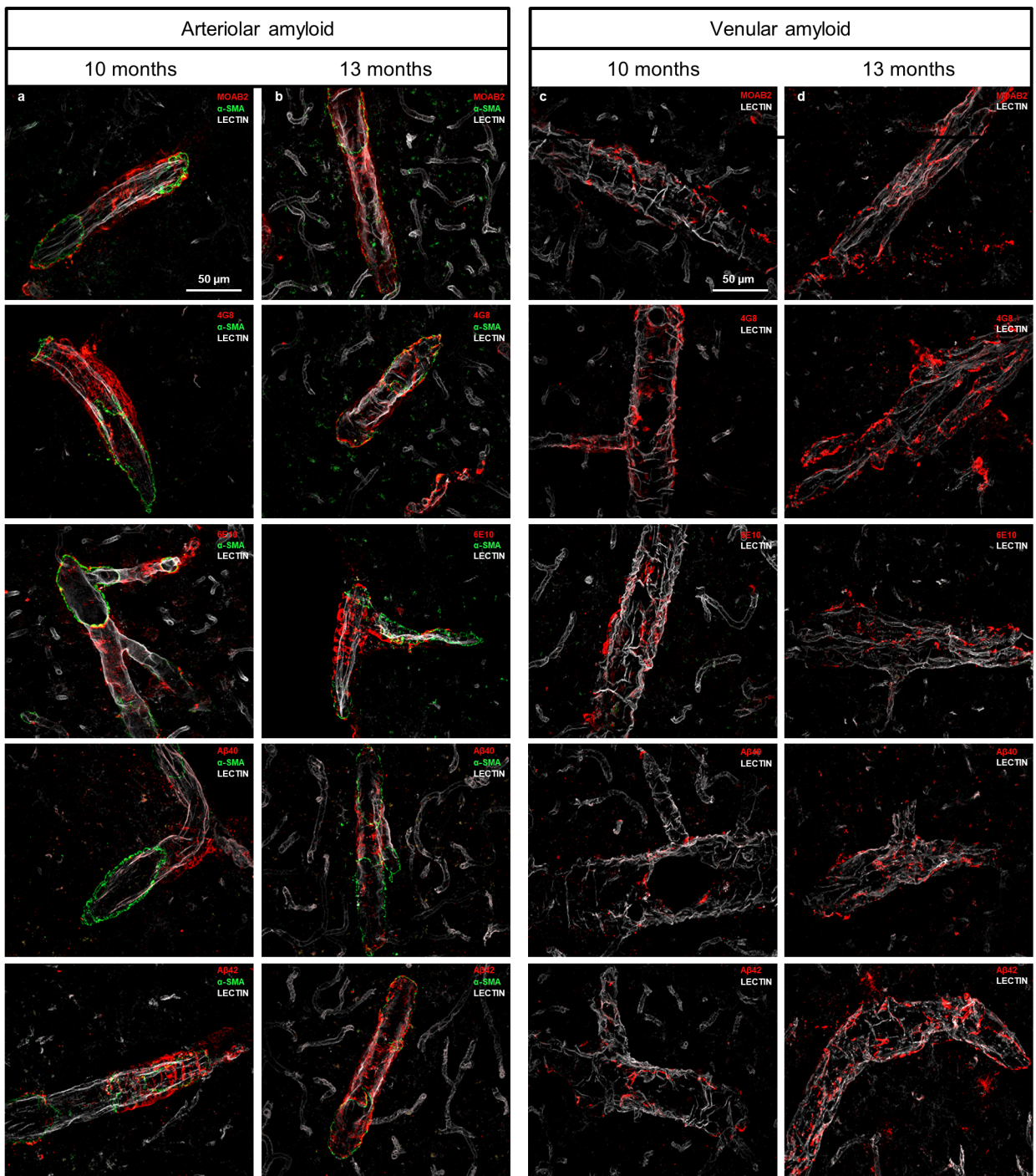


Venular amyloid accumulation subsequent to cerebral
amyloid angiopathy in transgenic Fischer 344 Alzheimer's
disease rats

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Supplementary Figure S1. Arteriolar and venular amyloid deposition at 10 and 13 months of age.

An array of A β antibodies, including MOAB2, 4G8, 6E10, A β ₄₀, and A β ₄₂ (red) were used to visualize arteriolar (a, b) and venular (c, d) A β . Vascular A β at 10 months (a, c) and 13 months (b, d) demonstrated progression of arteriolar and venular A β . High resolution images were obtained at a 40x objective.

Arteriolar amyloid

Venular amyloid

Supplementary Figure S2.

Vascular Amyloid Severity Score

Classification. Vascular amyloid was evaluated semi-quantitatively by categorizing penetrating arterioles and ascending venules through five different grades – no coverage (grade 0), trace/scattered coverage (grade 1), mild (grade 2), moderate (grade 3), and severe coverage (grade 4) – as established by previous literature [36, 37]. For arteriolar amyloid (**a**), a score of 2 represented partial circumferential staining, a score of 3 indicated an almost complete circumferential staining, and a score of 4 displayed complete circumferential staining with amyloid spreading into the surrounding neuropil. A score of 2 for venular amyloid (**b**) indicated by an increase in the number of small globular deposits compared to a score of 1. A score of 3 indicated further accumulation of the globular deposits which are less scattered, with a presence of slightly larger deposits. Severe coverage (score = 4) is represented by substantial aggregation of larger sized globular deposits around the venule. Images were acquired with a 20x objective.

