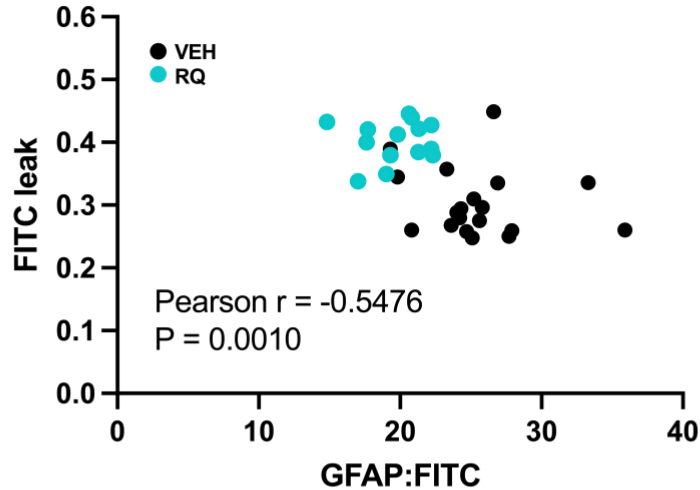


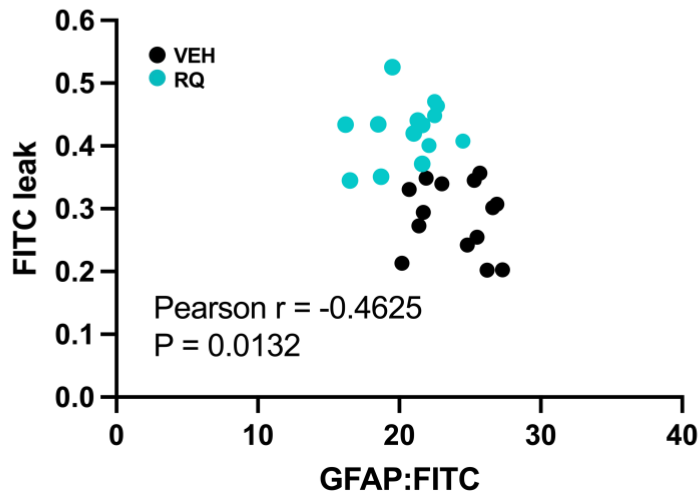
A)

XY data: Correlation of Females
Proximity of GFAP to FITC-labeled blood vessels and leakage



B)

XY data: Correlation of Males
Proximity of GFAP to FITC-labeled blood vessels and leakage



Supplementary Figure 1. XY Correlation analysis of astrocyte coverage of FITC-labeled blood vessels with FITC leakage. Lowered astrocyte coverage of blood vessels correlates with greater FITC leakage permeability from blood vessels in the paraventricular nucleus of the hypothalamus across all treatment groups in (A) females and (B) males. Data points include mice from both Vehicle and Resiquimod groups. FITC = Fluorescein Isothiocyanate, GFAP = Glial Fibrillary Acidic Protein, VEH = Vehicle, RQ = Resiquimod. N = 14-18 animals / group.