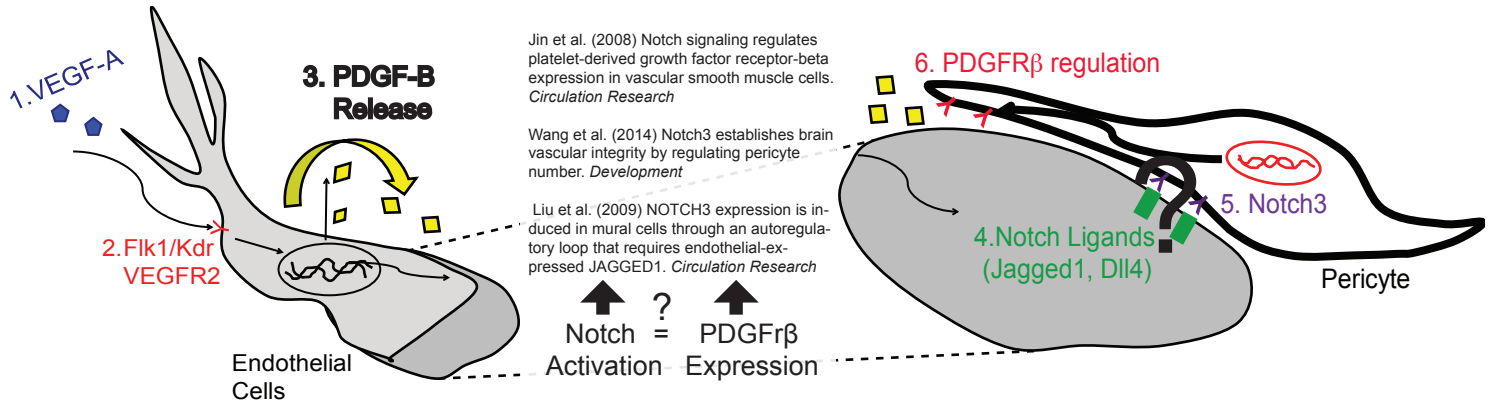

Online Resource 7 -- Supplemental Figure 6. Simplified schematic illustrating the working hypothesis from the current study. Briefly, during developmental blood vessel formation, VEGF-A predominantly signals through endothelial cells (through Flk1/Kdr/ VEGFR2), such that loss of Flt-1 regulation of VEGF-A leads to aberrant endothelial cell signaling and excess PDGF-B release from numerous "tip" cells. Pericyte production of PDGFRβ decreases, which appears to be independent of Notch signaling between pericytes and adjacent endothelial cells. Thus, the observed decrease in pericyte coverage of *Flt1*$^{-/-}$ vessels likely occurs via *direct effects on endothelial cell signaling* and *indirect effects on pericyte signaling and behaviors.*

Excess Vascular Endothelial Growth Factor-A Disrupts Pericyte Recruitment during Blood Vessel Formation. Angiogenesis. Jordan Darden, Laura Beth Payne, Huaning Zhao, John C. Chappell.

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