Notch signaling is essential for the maintenance of adult neural stem cells in vivo. Andreu-Agulló and colleagues show that PEDF, released from endothelial cells, enhances Notch signaling in the mouse subependymal zone by inactivating a repressor of Notch target genes. On the cover are daughter cell pairs stained for epidermal growth factor receptor (red), the intracellular domain of Notch (green) and DAPI (blue). (pp 1514 and 1481)

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1514 Vascular niche factor PEDF modulates Notch-dependent stemness in the adult subependymal zone
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