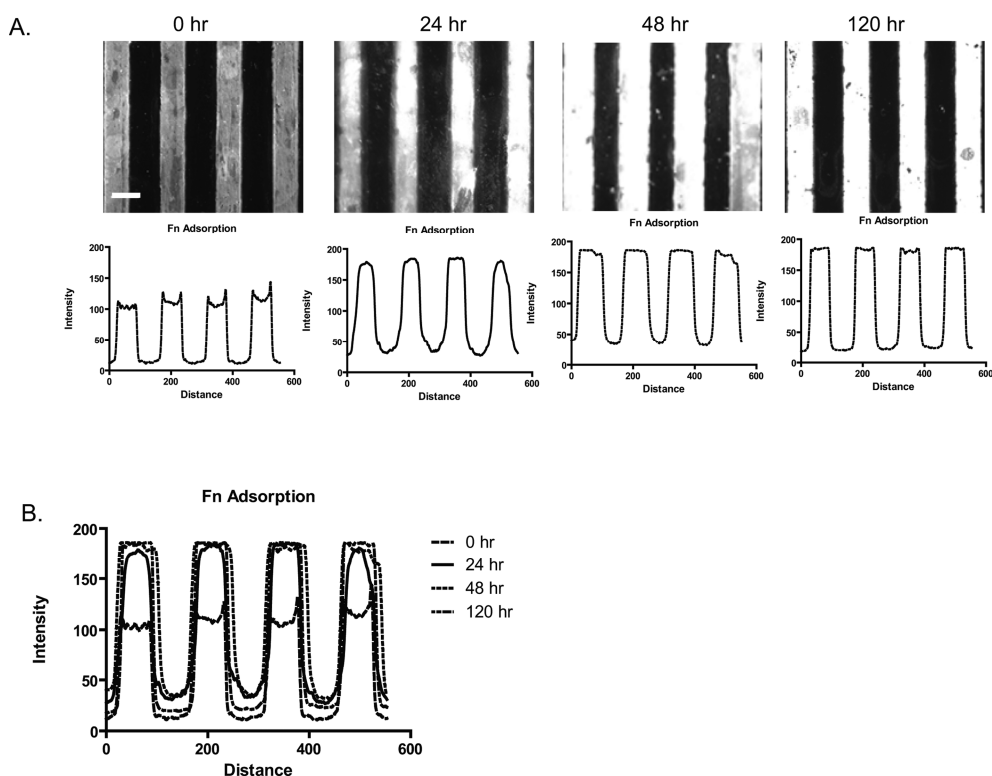


Guiding endothelial progenitor cell tube formation using patterned fibronectin surfaces

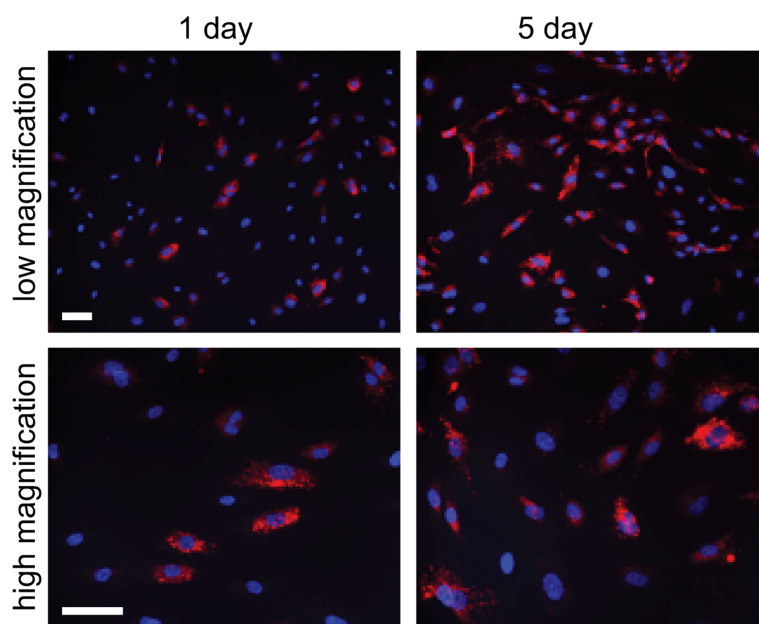
Laura E. Dickinson, Matthew E. Moura and Sharon Gerecht*

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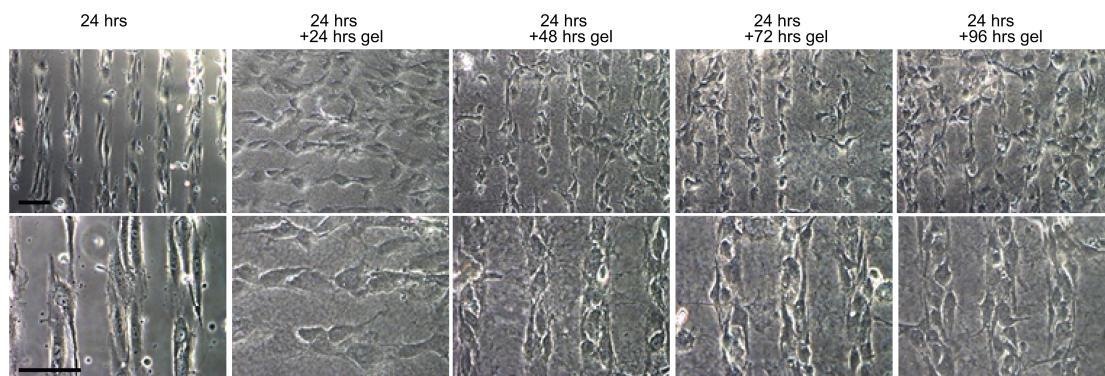
Supporting Information



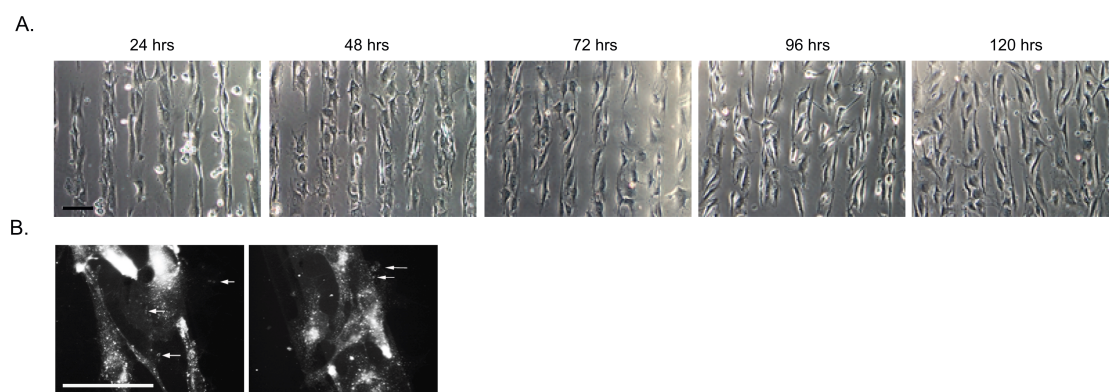
S1. Patterned Fn surfaces remain robust after 6 days in culture as demonstrated by image analysis of fluorescently labeled patterned surfaces.



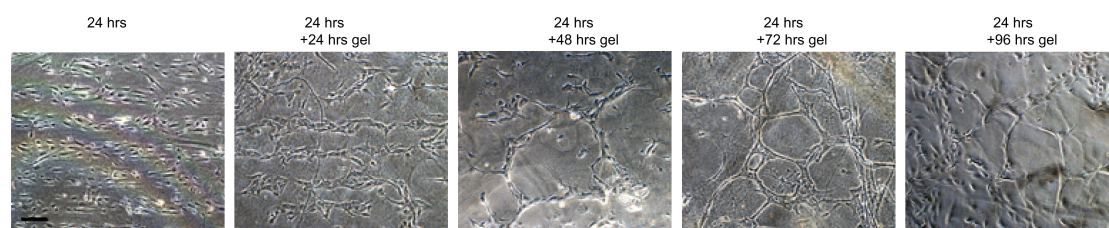
S2. No significant upregulation in vWF expression was observed in hEPCs cultured on nonpatterned surfaces in low or high-VEGF medium.



S3. Addition of prepolymerized fibrin gel directly resulted in weak tube structure formation.



S4. hEPCs cultured on Fn patterned surfaces over 5 days with no fibrin gel demonstrate cell spreading, but no tube or open lumen formation.



S5. hEPCs cultured on 70 mm Fn patterns did not form organized tube structures when inverted on the fibrin gel.