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Supporting Information

Nitinol-based Nanotubular Arrays with Controlled Diameters Upregulate Human Vascular Cell ECM Production

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	Relative Cell Numbers (Day 7 / Day 1)		
	110	70	Control
HAEC	$2.7 \pm 0.5^{*}$	$2.7 \pm 0.6^{*}$	6.7 ± 0.2
HASMC	$7.5 \pm 0.2^{+}$	6.0 ± 0.5	7.5 ± 0.4

Table S1. Relative cell numbers (Day 7 / Day 1) for HAEC and HASMC on 110, 70 and Control. One-way ANOVA for HAEC ($F(2,6) = 22.735$, $p = 0.002$). N = 3. When comparing the HAEC relative cell numbers between 110 and Control, and 70 and Control, $^{*} = p < 0.05$. One-way ANOVA for HASMC ($F(2,12) = 4.567$, $p = 0.034$). N = 5. When comparing the HASMC relative cell numbers between 110 and 70, $^{+} = p < 0.05$.

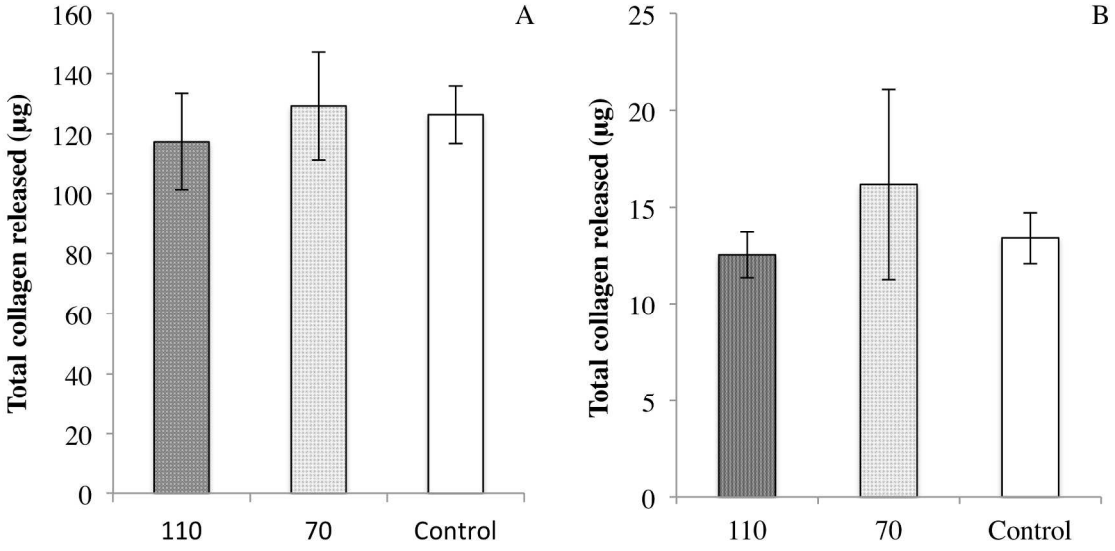

Figure S1. Total collagen released per 1 cm x 1 cm substrate by HAEC (A) and HASMC (B).