Supplementary Material to Kang et al. “Simvastatin induces the apoptosis of normal vascular smooth muscle through the disruption of actin integrity via the impairment of RhoA/Rac-1 activity” (Thromb Haemost 2016; 116.3)

Supplementary Figure 1. Effect of jasplakinolide on F-actin integrity in primary cultured VSMCs. After VSMCs were incubated with simvastatin (SIM; 10 μM) and jasplakinolide (Jasp; 50 nM) for 4 hr, immunocytochemistry of F-actin (rhodamine-phalloidin; red) and nuclei (DAPI; blue) was performed.
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Supplementary Figure 2. Effects of simvastatin in the absence and presence of contractile agonist in primary cultured VSMCs. (A) RhoA activation was evaluated after VSMCs were incubated with vehicle (DMSO) or simvastatin (SIM; 5, 10, 25 μM) for 1 hr, followed by vehicle (saline) or 5HT stimuli (10^{-5} M, 10 min). Effects on (B) F-actin integrity and (C) mitochondrial translocation of Bmf were determined after VSMCs were incubated with simvastatin 10 μM for 4 hr, followed by 5HT stimuli (10^{-5} M, 10 min).