This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Ischemia; reperfusion injury	VEGF	<i>In vitro</i> and mouse studies suggest nanoscale filaments made of VEGF-mimetic peptides could help treat ischemic cardiovascular disease. In a chicken embryo assay, the filaments increased blood vessel density compared with the VEGF peptide or control filaments. In a mouse hind limb ischemia model, intramuscular injection of the filaments decreased tissue necrosis and increased motor function and blood flow compared with controls. Next steps include testing the filaments in additional animal models. SciBX 4(33); doi:10.1038/scibx.2011.934 Published online Aug. 25, 2011	Patent and licensing status unavailable	Webber, M.J. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Aug. 1, 2011; doi:10.1073/pnas.1016546108 Contact: Samuel I. Stupp, Northwestern University, Evanston, Ill. e-mail: s-stupp@northwestern.edu Contact: Douglas W. Losordo, same affiliation as above e-mail: d-losordo@northwestern.edu