This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Bone repair	Fibroblast growth factor 9 (FGF9)	<p>Mouse studies suggest that FGF9 could help accelerate bone healing. In mice with tibia injury sites, as compared with wild-type mice, <i>Fgf9</i> heterozygous knockout reduced bone regeneration and neovascularization. In the wild-type mice, exogenous FGF9 increased regeneration compared with saline buffer control. Next steps include testing recombinant human FGF9 in patients with long-bone fractures.</p> <p>SciBX 3(25); doi:10.1038/scibx.2010.774 Published online June 24, 2010</p>	Findings unpatented; unavailable for licensing	<p>Behr, B. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online June 14, 2010; doi:10.1073/pnas.1003317107</p> <p>Contact: Natalina Quarto, University of Naples Federico II, Naples, Italy e-mail: quarto@unina.it</p> <p>Contact: Michael T. Longaker, Stanford University School of Medicine, Stanford, Calif. e-mail: longaker@stanford.edu</p>