This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Bone repair	Tumor necrosis factor- α (TNF- α)	<p>Studies in mice suggest that upregulating TNF-α could accelerate healing of bone fractures. In a mouse bone fracture model, local injection of TNF-α accelerated bone healing compared with injection of vehicle. Next steps include testing whether higher TNF-α levels promote repair in animal models of osteoporotic fractures.</p> <p>SciBX 4(4); doi:10.1038/scibx.2011.109 Published online Jan. 27, 2011</p>	Patent cooperation treaty patent applications filed in the U.K.; licensing status undisclosed	<p>Glass, G.E. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Jan. 3, 2011; doi:10.1073/pnas.1018501108</p> <p>Contact: Marc Feldmann, Imperial College National Health Service Trust, London, U.K. e-mail: m.feldmann@imperial.ac.uk</p> <p>Contact: Graeme E. Glass, Imperial College, London, U.K. e-mail: graemeglass@hotmail.com</p>