This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Muscular atrophy; muscular dystrophy	Hexamethylene bis-acetamide inducible 1 (HEXIM1)	Mouse studies suggest inhibiting HEXIM1 signaling could help enhance muscle repair and regeneration. <i>Hexim1</i> ^{+/-} mice had greater muscle regeneration following injury than wild-type controls. In wild-type mice, transplanted <i>Hexim1</i> ^{+/-} satellite cells showed higher proliferative capacity and led to greater muscle regeneration than transplanted wild-type satellite cells. Next steps could include screening for compounds that reduce HEXIM1 signaling.	Patent and licensing status unavailable	Hong, P. <i>et al. J. Clin. Invest.</i> ; published online Oct. 1, 2012; doi:10.1172/JCI62818 Contact: M.A.Q. Siddiqui, SUNY Downstate Medical Center, Brooklyn, N.Y. e-mail: maq.siddiqui@downstate.edu
<i>SciBX</i> 5(41); doi:10.1038/scibx.2012.1089 Published online Oct. 18, 2012				