This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Osteoporosis	PR domain containing 1 with ZNF domain (PRDM1; BLIMP1); B-cell CLL lymphoma 6 (BCL6)	<i>In vitro</i> and mouse studies suggest that BCL6 agonists and BLIMP1 antagonists could help treat osteoporosis. In murine cell culture, Bcl6 overexpression or <i>Blimp1</i> knockout reduced differentiation of bone-resorptive osteoclast precursor cells compared with that in controls. In mice, animals with <i>Blimp1</i> knockout in osteoclasts had greater bone mass than wild-type mice. Next steps include identifying BLIMP1 antagonists.	Unpatented; unlicensed	Miyauchi, Y. <i>et al. J. Exp. Med.</i> ; published online April 5, 2010; doi:10.1084/jem.20091957 Contact: Takeshi Miyamoto, Keio University School of Medicine, Tokyo, Japan e-mail: miyamoto@sc.itc.keio.ac.jp
		SciBX 3(15); doi:10.1038/scibx.2010.470 Published online April 15, 2010		