This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Muscular dystrophy	Dual specificity phosphatase 10 (DUSP10; MKP5)	<p>Mouse studies suggest inhibiting MKP5 could help treat Duchenne muscular dystrophy (DMD). In mice, <i>Mkp5</i> knockout increased skeletal muscle mass and regenerative myogenesis compared with no knockout. In the mdx mouse model for DMD, <i>Mkp5</i>-deficient mice had better skeletal muscle morphology and decreased muscle degeneration compared with nondeficient controls. Next steps could include screening for small molecule inhibitors of MKP5.</p> <p><i>SciBX</i> 6(15); doi:10.1038/scibx.2013.368 Published online April 18, 2013</p>	Patent and licensing status unavailable	<p>Shi, H. <i>et al. J. Clin. Invest.</i>; published online April 1, 2013; doi:10.1172/JCI64375 Contact: Anton M. Bennett, Yale School of Medicine, New Haven, Conn. e-mail: anton.bennett@yale.edu</p>