This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	Lipin 2 (LPIN2)	<p>Cell culture studies suggest increasing LPIN2 activity could help prevent fatty acid-induced inflammation, which has been linked to diseases including type 2 diabetes. In mouse and human macrophage cell lines exposed to fatty acids, small interfering RNA against <i>LPIN2</i> increased expression of proinflammatory genes compared with control siRNA. In the fatty acid-exposed mouse cell line, <i>Lpin2</i> overexpression decreased expression of proinflammatory genes compared with that seen using a control vector. Next steps include studying <i>Lpin2</i>-regulated inflammation in animal models.</p> <p>SciBX 5(9); doi:10.1038/scibx.2012.231 Published online March 1, 2012</p>	Patent and licensing status undisclosed	<p>Valdearcos, M. <i>et al. J. Biol. Chem.</i>; published online Feb. 8, 2012; doi:10.1074/jbc.M112.342915 Contact: María A. Balboa, University of Valladolid School of Medicine, Valladolid, Spain e-mail: mbalboa@ibgm.uva.es</p>