This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Endocrine/metabolic disease				
Diabetes; obesity	G protein-coupled receptor family C group 5 member B (GPRC5B)	<p>Mouse studies suggest inhibiting GPRC5B could help treat obesity and type 2 diabetes. In mice fed a high-fat diet, <i>Gprc5b</i> knockout led to faster glucose removal, lower circulating levels of insulin and glucose and 18% lower body weight than wild-type <i>Gprc5b</i> expression. Next steps could include identifying a GPRC5B inhibitor.</p> <p>SciBX 5(49); doi:10.1038/scibx.2012.1283 Published online Dec. 20, 2012</p>	Patent and licensing status unavailable	<p>Kim, Y.-J. <i>et al. Sci. Signal.</i>; published online Nov. 20, 2012; doi:10.1126/scisignal.2003149 Contact: Yoshio Hirabayashi, RIKEN Brain Science Institute, Saitama, Japan e-mail: hirabaya@riken.jp</p>