This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Diabetes	Thioredoxin interacting protein (TXNIP)	<i>In vitro</i> and mouse studies suggest that inhibiting TXNIP could help treat type 2 diabetes. In rat pancreatic β cells, knockdown of Txnip increased glucose-stimulated insulin secretion compared with that in cells expressing Txnip. In leptin-deficient obese mice, Txnip knockout increased glucose tolerance and insulin sensitivity compared with Txnip expression. Next steps could include identifying a TBP-2 inhibitor.	Patent and licensing status unavailable	Yoshihara, E. <i>et al. Nat. Commun.</i> ; published online Nov. 23, 2010; doi:10.1038/ncomms1127 Contact: Hiroshi Masutani, Kyoto University, Kyoto, Japan e-mail: hmasutan@virus.kyoto-u.ac.jp
SciBX 3(48); doi:10.1038/scibx.2010.1444 Published online Dec. 16, 2010				