This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Diabetes	Glutathione peroxidase 1 (GPX1)	<i>In vitro</i> and mouse studies suggest that GPX1 inhibitors could help prevent type 2 diabetes. In mouse embryonic fibroblasts, <i>Gpx1</i> knockout resulted in increased insulin signaling. In mice, <i>Gpx1</i> knockout increased insulin sensitivity, energy expenditure and obesity resistance. Next steps could include testing GPX1 inhibitors in models of type 2 diabetes.	Findings unpatented; licensing status not applicable	Loh, K. <i>et al. Cell Metab.</i> ; published online Oct. 8, 2009; doi:10.1016/j.cmet.2009.08.009 Contact: Tony Tiganis, Monash University, Victoria, Australia e-mail: tony.tiganis@med.monash.edu.au
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