This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Diabetes	Dual specificity phosphatase 6 (DUSP6; MKP3)	<p>A study in mice suggests that inhibiting MKP3 could help treat type 2 diabetes. In a mouse model of diet-induced obesity, knocking down MKP3 in the liver decreased blood glucose levels, improved glucose tolerance and increased insulin sensitivity compared with those in wild-type controls. Next steps could include identifying small molecule MKP3 inhibitors.</p> <p>SciBX 3(40); doi:10.1038/scibx.2010.1206 Published online Oct. 14, 2010</p>	Patent and licensing status unavailable	<p>Wu, Z. <i>et al. J. Clin. Invest.</i>; published online Oct. 1, 2010; doi:10.1172/JCI43250 Contact: Zhidan Wu, Novartis Institutes for Biomedical Research, Cambridge, Mass. e-mail: zhidan.wu@novartis.com Contact: Haiyan Xu, Brown Medical School, Providence, R.I. e-mail: hxu@lifespan.org</p>