This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Diabetes	ATPase Ca ⁺⁺ transporting cardiac muscle slow twitch 2b (ATP2A2b; SERCA2b)	Studies in mice suggest that increasing SERCA2b levels could help treat diabetes. In a mouse model of obesity, adenoviral expression of <i>Serca2b</i> in the liver decreased liver endoplasmic reticulum stress, triglyceride levels and blood glucose and increased serum insulin compared with control vector. Next steps could include screening for small molecule enhancers of SERCA2b activity. SciBX 3(44); doi:10.1038/scibx.2010.1326 Published online Nov. 11, 2010	Patent and licensing status unavailable	Park, S.W. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Oct. 25, 2010; doi:10.1073/pnas.1012044107 Contact: Umut Ozcan, Children's Hospital Boston, Harvard Medical School, Boston, Mass. e-mail: umut.ozcan@childrens.harvard.edu