This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Type 2 diabetes	T _{reg} cells in adipose tissue	<p>A study in mice suggests that boosting the level of T_{reg} cells in adipose tissue could help prevent insulin insensitivity and type 2 diabetes. Obese mice had lower T_{reg} levels in abdominal fat than normal mice. Depletion of T_{regs} in adipose tissue increased insulin resistance compared with mock treatment. Obese mice treated with an IL-2 antibody complex, which raised T_{reg} levels, had lower insulin resistance than mock-treated controls. Next steps include identifying the mechanism of action of adipose tissue T_{regs}.</p> <p>SciBX 2(31); doi:10.1038/scibx.2009.1214 Published online Aug. 13, 2009</p>	Patent pending; available for licensing	<p>Feuerer, M. <i>et al. Nat. Med.</i>; published online July 26, 2009; doi:10.1038/nm.2002</p> <p>Contact: Diane Mathis, Harvard Medical School, Boston, Mass. e-mail: dm@hms.harvard.edu</p>