This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine/metabolic disease				
Obesity	Peroxisome proliferation- activated receptor- α (PPARA; PPAR α)	<p>Mouse studies suggest the gut lipid messenger oleoylethanolamine (OEA) could help prevent diet-induced obesity. In mice fed a high-fat diet, intraduodenal OEA led to intestinal Pparα activation and decreased both weight gain and fat intake compared with vehicle. In mice, OEA reversed high-fat diet-induced loss of dopaminergic signaling in the brain. Next steps include evaluating the effects of OEA supplementation on dopamine-dependent behaviors in obese subjects.</p> <p>SciBX 6(35); doi:10.1038/scibx.2013.962 Published online Sept. 12, 2013</p>	Unpatented; licensing status not applicable	<p>Tellez, L.A. <i>et al. Science</i>; published online Aug. 16, 2013; doi:10.1126/science.1239275 Contact: Ivan E. de Araujo, The John B. Pierce Laboratory, New Haven, Conn. e-mail: iaraujo@jbpierce.org</p>