This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Hepatic disease				
Liver disease	Sirtuin 7 (SIRT7)	<p>Mouse studies suggest inhibiting SIRT7 could help treat hepatic steatosis. In mice, <i>Sirt7</i> knockout decreased high-fat diet-induced hepatic lipid accumulation, hepatic triglyceride levels and cholesterol levels compared with no alteration. In the mice, <i>Sirt7</i> knockout also attenuated high-fat diet-induced weight gain and improved insulin and glucose tolerance. Next steps include understanding the role of SIRT7 in metabolic tissues beyond the liver and validating it as a therapeutic target.</p> <p>SciBX 7(17); doi:10.1038/scibx.2014.495 Published online May 1, 2014</p>	Unpatented; licensing status not applicable	<p>Yoshizawa, T. <i>et al. Cell Metab.</i>; published online April 1, 2014; doi:10.1016/j.cmet.2014.03.006 Contact: Kazuya Yamagata, Kumamoto University, Kumamoto, Japan e-mail: k-yamaga@kumamoto-u.ac.jp</p>