This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Renal disease				
Polycystic kidney disease (PKD)	Polycystic kidney disease 1 (PKD1)	<p>Mouse studies suggest inhibiting glycolysis could help treat autosomal dominant PKD. In <i>Pkd1</i>-deficient mice and in cysts from patients with PKD, expression of genes involved in glycolysis was greater than that in wild-type mice and minimally cystic human tissues, respectively. In the PKD mouse model, 2-deoxyglucose, a glucose analog that inhibits glycolysis, decreased kidney cyst numbers and kidney volume and weight compared with vehicle. Next steps include additional animal studies.</p> <p>SciBX 6(14); doi:10.1038/scibx.2013.344 Published online April 11, 2013</p>	Patent application filed; available for licensing	<p>Rowe, I. <i>et al. Nat. Med.</i>; published online March 24, 2013; doi:10.1038/nm.3092</p> <p>Contact: Alessandra Boletta, San Raffaele Scientific Institute, Milan, Italy e-mail: boletta.alessandra@hsr.it</p> <p>Contact: Giovanna Musco, same affiliation as above e-mail: musco.giovanna@hsr.it</p>