This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Transplantation				
Graft-versus-host disease (GvHD)	Protein kinase C θ (PRKCQ)	<p>A study in mice suggests that antagonizing PRKCQ could help treat GvHD. In a mouse model of GvHD, <i>Prkcq</i> knockout led to less proinflammatory T lymphocyte activation and better survival than those for wild-type controls. <i>Prkcq</i>-deficient T cells had normal responses to viral infection and tumors compared with wild-type cells. Next steps include testing small molecule and small interfering RNA antagonists of PRKCQ in preclinical models of GvHD.</p> <p>SciBX 2(47); doi:10.1038/scibx.2009.1741 Published online Dec. 10, 2009</p>	Unpatented; licensing status not applicable	<p>Valenzuela, J.O. <i>et al. J. Clin. Invest.</i>; published online Nov. 9, 2009; doi:10.1172/JCI39692</p> <p>Contact: Amer A. Beg, H. Lee Moffitt Cancer Center & Research Institute, Tampa, Fla. e-mail: amer.beg@moffitt.org</p> <p>Contact: Xue-Zhong Yu, same affiliation as above e-mail: xue.yu@moffitt.org</p>