This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Tumor necrosis factor receptor-associated factor 6 (TRAF6)	<p><i>In vitro</i> and mouse studies suggest that inhibiting TRAF6 could help treat cancer. In mouse embryonic fibroblasts, <i>TRAF6</i> knockout prevented Akt ubiquitination, a key step in Akt membrane recruitment and its subsequent oncogenic activity. In prostate cancer cells, <i>TRAF6</i> small hairpin RNA prevented Akt phosphorylation. In mice, <i>Traf6</i>^{-/-} cancer cells had less tumorigenic potential than cells expressing the gene. Next steps could include identifying TRAF6 inhibitors or drugs to prevent Akt ubiquitination.</p> <p>SciBX 2(35); doi:10.1038/scibx.2009.1340 Published online Sept. 10, 2009</p>	Findings unpatented; licensing status not applicable	<p>Yang, W. <i>et al. Science</i>; published online Aug. 27, 2009; doi:10.1126/science.1175065</p> <p>Contact: Hui-Kuan Lin, The University of Texas M.D. Anderson Cancer Center, Houston, Texas e-mail: hklin@mdanderson.org</p>