This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	S phase kinase-associated protein 2 (SKP2); phosphatase and tensin homolog deleted on chromosome ten (PTEN; MMAC1; TEP1)	<i>In vitro</i> and mouse studies suggest that antagonizing SKP2 could help treat cancer. In senescence-impaired, <i>Pten</i> ^{+/-} mouse embryonic fibroblasts, <i>Skp2</i> knockout reactivated cellular senescence, resulting in less cell proliferation than occurred in <i>Skp2</i> -expressing cells. <i>Pten</i> ^{+/-} mice with <i>Skp2</i> knockout had a lower incidence of adrenal tumors than <i>Pten</i> ^{+/-} mice that expressed <i>Skp2</i> . Next steps include screening for compounds that block SKP2 function in cancer cells. SciBX 3(12); doi:10.1038/scibx.2010.371 Published online March 25, 2010	Findings unpatented; unavailable for licensing	Lin, H. <i>et al. Nature</i> ; published online March 18, 2010; doi:10.1038/nature08815 Contact: Pier Paolo Pandolfi, Harvard Medical School, Boston, Mass. e-mail: ppandolf@bidmc.harvard.edu