This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Various				
Cancer; ophthalmic disease	Ataxia telangiectasia mutated (ATM)	<p>Mouse studies suggest inhibiting ATM kinase activity could help treat diseases associated with pathological angiogenesis, including cancer and choroidal neovascularization (CNV). In mice, global or endothelial cell-specific <i>Atm</i> deficiency decreased pathological angiogenesis in the retina compared with normal <i>Atm</i> expression. In a mouse xenograft model of melanoma, <i>Atm</i> knockout decreased tumor growth compared with normal <i>Atm</i> expression and showed a synergistic effect with VEGF inhibition. Next steps include developing an <i>in vivo</i> ATM inhibitor.</p> <p>SciBX 5(30); doi:10.1038/scibx.2012.793 Published online Aug. 2, 2012</p>	Unpatented; licensing status not applicable	<p>Okuno, Y. <i>et al. Nat. Med.</i>; published online July 15, 2012; doi:10.1038/nm.2846 Contact: Yoshiaki Kubota, Keio University, Tokyo, Japan e-mail: ykubo33@a3.keio.jp</p>