This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
B cell lymphoma	Suppressor of variegation 3-9 homolog 1 (SUV39H1); transforming growth factor- β (TGF β ; TGF β)	A study in mice and in cell culture suggests that increasing TGF β levels in tumor stroma-derived macrophages could slow disease progression in B cell lymphomas. In mice, TGF β production by stroma-derived macrophages killed lymphoma cells by triggering cellular senescence. In contrast, blocking TGF β signaling by macrophages significantly accelerated lymphoma onset ($p < 0.0001$). Next steps could include identifying compounds that increase TGF β production by tumor stroma-derived macrophages and evaluating their effects in animal models of lymphoma.	Patent and licensing status unavailable	Reimann, M. <i>et al. Cancer Cell</i> ; published online March 15, 2010; doi:10.1016/j.ccr.2009.12.043 Contact: Clemens A. Schmitt, Charité-University Hospital Berlin, Molecular Cancer Center of the Charité, Berlin, Germany e-mail: clemens.schmitt@charite.de
<i>SciBX</i> 3(13); doi:10.1038/scibx.2010.400 Published online April 1, 2010				