This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Solid tumors; sarcoma	CD47	<p>Mouse and cell culture studies suggest anti-CD47 mAbs could help treat solid tumors and prevent disease metastasis. In a panel of human solid tumor cell lines, an anti-CD47 mAb induced macrophage-mediated phagocytosis of the cancer cells, whereas an IgG isotype control did not. In mouse xenograft models of solid tumors, the anti-CD47 mAb inhibited both primary tumor growth and disease metastasis. Similar results were seen in human leiomyosarcoma cell lines and in mouse xenograft models of aggressive metastatic leiomyosarcoma. Next steps include testing a humanized CD47 mAb in a clinical trial.</p> <p>SciBX 5(14); doi:10.1038/scibx.2012.366 Published online April 5, 2012</p>	Patent application filed; unavailable for licensing	<p>Willingham, S.B. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online March 26, 2012; doi:10.1073/pnas.1121623109 Edris, B. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online March 26, 2012; doi:10.1073/pnas.1121629109 Contact: Irving L. Weissman, Stanford University, Stanford, Calif. e-mail: irv@stanford.edu Contact: Matt van de Rijn, same affiliation as above e-mail: mrjin@stanford.edu</p>