This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Colon cancer	Fc fragment of IgG receptor transporter- α (FCGRT; FCRN)	<p>Mouse studies suggest activating FCGRT on dendritic cells could help stimulate an immune response against colorectal cancers. In mouse models of colon cancer, <i>Fcgrt</i> knockout increased the number and size of tumors compared with no alteration. In tumors from <i>Fcgrt</i> knockout mice, the number of CD8⁺ T cells was lower than that in <i>Fcgrt</i>-expressing controls. In <i>Fcgrt</i>-deficient mice, adoptive transfer of T cells from tumors from <i>Fcgrt</i>-expressing mice decreased tumor load compared with transfer of cells from <i>Fcgrt</i>-deficient mice. Next steps could include testing the effects of FCGRT activation in a mouse model of colon cancer.</p> <p>SciBX 7(2); doi:10.1038/scibx.2014.51 Published online Jan. 16, 2014</p>	Patent and licensing status unavailable	<p>Baker, K. <i>et al. Immunity</i>; published online Nov. 27, 2013; doi:10.1016/j.immuni.2013.11.003 Contact: Richard S. Blumberg, Brigham and Women's Hospital, Boston, Mass. e-mail: rblumberg@partners.org</p>