This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	Complement component 5a receptor 1 (C5AR1; C5AR)	<p>Mouse studies suggest inhibiting C5AR could help prevent breast cancer metastasis. In a mouse model of metastatic breast cancer, knockout or pharmacological inhibition of C5ar1 decreased metastasis to the lung and liver compared with no knockout or inhibition. Next steps include investigating whether C5AR mediates the recruitment of myeloid-derived suppressor cells and metastasis to other organs including the brain.</p> <p><i>SciBX</i> 7(23); doi:10.1038/scibx.2014.667 Published online June 12, 2014</p>	Patent application filed; unavailable for licensing	<p>Vadrevu, S.K. <i>et al. Cancer Res.</i>; published online May 1, 2014; doi:10.1158/0008-5472.CAN-14-0157 Contact: Maciej M. Markiewski, Texas Tech University Health Sciences Center, Abilene, Texas e-mail: maciej.markiewski@ttuhsc.edu</p>