This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	Calpain 2 (CAPN2)	<i>In vitro</i> and mouse studies suggest CAPN2 inhibitors could help treat breast cancer. In a mouse mammary cancer cell line, anti- <i>Capn2</i> small hairpin RNA decreased proliferation, migration and survival compared with scrambled control shRNA. In mice, a <i>Capn2</i> knockdown mammary cancer cell line produced smaller primary tumors than a cell line expressing wild-type <i>Capn2</i> . A forthcoming publication will describe the results of <i>Capn2</i> and <i>Capn1</i> double knockdown in mice with xenograft breast tumors.	Unpatented; available for partnering	Ho, W.-c. <i>et al. J. Biol. Chem.</i> ; published online March 16, 2012; doi:10.1074/jbc.M112.349308 Contact: Peter A. Greer, Queen's University, Kingston, Ontario, Canada e-mail: greerp@queensu.ca
<i>SciBX</i> 5(14); doi:10.1038/scibx.2012.358 Published online April 5, 2012				