This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	S100 calcium binding protein A14 (S100A14); HER2 (EGFR2; ErbB2; neu)	<i>In vitro</i> studies suggest inhibiting S100A14 could help treat HER2 ⁺ breast cancer. In primary HER2 ⁺ breast tumors, S100A14 levels were higher than those in surrounding normal tissue and correlated with poor prognosis. In HER2 ⁺ human breast cancer cell lines, siRNA against <i>S100A14</i> decreased HER2 activation and subsequent cell growth compared with a scrambled siRNA. Planned work includes testing <i>S100A14</i> knockdown in animals with HER2 ⁺ xenograft breast tumors. SciBX 7(2); doi:10.1038/scibx.2014.47 Published online Jan. 16, 2014	Unpatented; unlicensed; available for partnering	Xu, C. <i>et al. J. Biol. Chem.</i> ; published online Nov. 27, 2013; doi:10.1074/jbc.M113.469718 Contact: Zhihua Liu, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China e-mail: liuzh@cicams.ac.cn Contact: Hongyan Chen, same affiliation as above e-mail: chenhongyan@cicams.ac.cn