This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	Endotrophin	<p>Mouse studies suggest antagonizing endotrophin could help treat breast cancer. Endotrophin is a cleaved protein derived from collagen type VI $\alpha 3$ (COL6A3). In a mouse model of aggressive mammary adenocarcinoma, endotrophin overexpression in the mammary gland led to increased tumor volume and lung metastases compared with no overexpression. In mice implanted with endotrophin-overexpressing mammary tumors, an antiendotrophin mAb significantly decreased tumor burden compared with IgG control. Next steps include humanizing the antiendotrophin mAb and testing it on human breast and colon cancer samples.</p> <p>SciBX 5(41); doi:10.1038/scibx.2012.1077 Published online Oct. 18, 2012</p>	Unpatented; licensing status not applicable	<p>Park, J. & Scherer, P.E. <i>J. Clin. Invest.</i>; published online Oct. 8, 2012; doi:10.1172/JCI63930</p> <p>Contact: Philipp E. Scherer, The University of Texas Southwestern Medical Center, Dallas, Texas</p> <p>e-mail: philipp.scherer@utsouthwestern.edu</p>