This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Lysyl oxidase (LOX)	<p>Mouse studies suggest inhibiting LOX in the tumor stroma could help prevent metastasis. LOX modifies the extracellular matrix and tumor microenvironment. In a genetic mouse model of highly metastatic breast cancer, chemical inhibition of Lox, which is expressed by stromal fibroblasts, decreased lung metastases compared with no inhibition. In culture, transforming growth factor-β (Tgfb; Tgfβ) from myeloid cells, which is known to promote metastasis, increased Lox expression on fibroblasts. Next steps include designing and testing LOX-neutralizing antibodies for cancer.</p> <p>SciBX 6(32); doi:10.1038/scibx.2013.853 Published online Aug. 22, 2013</p>	Unpatented; licensing status not applicable	<p>Pickup, M.W. <i>et al. Cancer Res.</i>; published online July 15, 2013; doi:10.1158/0008-5472.CAN-13-0012 Contact: Harold L. Moses, Vanderbilt University, Nashville, Tenn. e-mail: hal.moses@vanderbilt.edu</p>