This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Integrin-linked kinase (ILK); parvin- β (PARVB)	<p>Mouse and cell culture studies suggest inhibiting ILK and PARVB signaling could help prevent tumor metastasis. In murine mammary carcinoma cell lines, small hairpin RNA knockdown of Ilk or Parvb decreased filopodium-like protrusion (FLP) formation and metastatic potential compared with no knockdown. In mice injected with metastatic mammary carcinoma cells, shRNA knockdown of Parvb or Ilk decreased the number of metastatic lesions in the lung compared with no knockdown. Next steps include using mouse models to determine whether and how blockade of this signaling pathway impedes metastasis and whether the blockade of this pathway has any therapeutic value.</p> <p>SciBX 6(39); doi:10.1038/scibx.2013.1089 Published online Oct. 10, 2013</p>	Unpatented; licensing status not applicable	<p>Shibue, T. <i>et al. Cancer Cell</i>; published online Sept. 12, 2013; doi:10.1016/j.ccr.2013.08.012 Contact: Robert A. Weinberg, Whitehead Institute for Biomedical Research, Cambridge, Mass. e-mail: weinberg@wi.mit.edu</p>