This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	Cathepsin B	<p>Mouse studies suggest inhibiting cathepsin B could help treat or prevent breast cancer metastasis. In a mouse model of breast cancer, cathepsin B small hairpin RNA decreased lung and bone metastasis compared with control shRNA but did not alter growth of the primary tumor. A cathepsin B-specific inhibitor lowered metastasis compared with vehicle control or a broad-spectrum cysteine protease inhibitor. Next steps include designing a more selective cathepsin B inhibitor.</p> <p><i>SciBX</i> 5(7); doi:10.1038/scibx.2012.171 Published online Feb. 16, 2012</p>	Unpatented; licensing status unavailable	<p>Withana, N.P. <i>et al. Cancer Res.</i>; published online Jan. 19, 2012; doi:10.1158/0008-5472.CAN-11-2759 Contact: Belinda S. Parker, Peter MacCallum Cancer Centre, East Melbourne, Victoria, Australia e-mail: belinda.parker@petermac.org</p>