This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	BMI1 polycomb ring finger oncogene (BMI1); microRNA-200c (miRNA-200c)	<p>Studies in mice and in cell culture suggest that increasing miRNA-200c expression in breast tissue could help treat breast cancer. In mice, animals injected with human breast cancer stem cells (BCSCs) containing lentiviral miRNA-200c had significantly less tumor formation than mice given human BCSCs containing empty lentiviral vector ($p=0.015$). Next steps could include identifying and evaluating compounds that increase miRNA-200c in animal breast cancer models.</p> <p>SciBX 2(33); doi:10.1038/scibx.2009.1269 Published online Aug. 27, 2009</p>	Patent and licensing status unavailable	<p>Shimono, Y. <i>et al. Cell</i>; published online Aug. 10, 2009; doi:10.1016/j.cell.2009.07.011</p> <p>Contact: Michael F. Clarke, Stanford University, Stanford, Calif. e-mail: mfclarke@stanford.edu</p>