This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Melanoma	Sprouty homolog 4 (SPRY4)	<i>In vitro</i> and primary tumor studies suggest inhibiting a noncoding RNA encoded by the <i>SPRY4</i> gene could help treat melanoma. In human melanoma cell lines and primary tumors, compared with normal melanocytes, a noncoding RNA encoded by an intron on the <i>SPRY4</i> gene was upregulated. In human melanoma cell lines, small interfering RNA inhibition of the noncoding RNA decreased growth, invasiveness and migration and increased apoptosis compared with those seen using scrambled siRNA. Future studies could include testing inhibition of the noncodi	Patent and licensing status undisclosed	Khaitan, D. <i>et al. Cancer Res.</i> ; published online May 12, 2011; doi:10.1158/0008-5472.CAN-10-4460 Contact: Ranjan J. Perera, Sanford-Burnham Medical Research Institute, Orlando, Fla. e-mail: rperera@sanfordburnham.org Contact: John S. Mattick, Institute for Molecular Bioscience, The University of Queensland, Brisbane, Queensland, Australia e-mail: j.mattick@uq.edu.au
		SciBX 4(21); doi:10.1038/scibx.2011.595 Published online May 26, 2011		