This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Melanoma	Peroxiredoxin 2 (PRDX2)	<p>Mouse studies suggest compounds that mimic PRDX2 activity could help prevent melanoma metastasis. In mice, melanoma cells pretreated with Prx2-targeting small interfering RNA showed greater lung metastasis than cells pretreated with control siRNA. In the same model, mice treated with gliotoxin, a fungal metabolite with peroxiredoxin-like activity, had lower lung metastasis than mice given vehicle. Next steps include testing the compound's efficacy in a genetic mouse model more relevant to metastatic melanoma in humans.</p> <p>SciBX 6(28); doi:10.1038/scibx.2013.719 Published online July 25, 2013</p>	Patent application filed; available for licensing through the Ewha University-Industry Collaboration Foundation	<p>Lee, D.J. <i>et al. Cancer Res.</i>; published online June 7, 2013; doi:10.1158/0008-5472.CAN-12-4226</p> <p>Contact: Sang Won Kang, Ewha Womans University, Seoul, South Korea e-mail: kangsw@ewha.ac.kr</p>