This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<p><i>In vitro</i> and mouse studies identified an isomer of 2-(4-methoxyphenyl)-4-quinoliny) 2-piperidinyl-methanol that could help treat multidrug-resistant (MDR) cancers. In MDR cancer cell lines, a stereoisomer of the antimalarial compound restored sensitivity to anticancer drugs, including paclitaxel, doxorubicin and mitoxantrone, whereas the parent compound did not. In a mouse xenograft model of MDR ovarian cancer, paclitaxel plus the isomer decreased tumor growth compared with either compound alone. Next steps could include testing the compound in additional animal models.</p> <p>SciBX 5(13); doi:10.1038/scibx.2012.332 Published online March 29, 2012</p>	Patent and licensing status unavailable	<p>Duan, Z. <i>et al. J. Med. Chem.</i>; published online March 8, 2012; doi:10.1021/jm300117u Contact: Zhenfeng Duan, Harvard Medical School, Boston, Mass. e-mail: duanz@helix.mgh.harvard.edu</p>