This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Thioredoxin; NF- κ B	<p><i>In vitro</i> and mouse studies suggest a class of NSAID analogs could help treat cancer. Synthesis and <i>in vitro</i> testing identified diphosphorylated analogs of aspirin, sulindac, ibuprofen and flurbiprofen that had micromolar IC₅₀ values in human cancer cells lines. In mice with xenograft tumors, phospho-aspirin, phospho-sulindac and phospho-ibuprofen decreased tumor growth compared with vehicle. Future studies could include compound optimization and testing in additional animal models of cancer.</p> <p>SciBX 4(47); doi:10.1038/scibx.2011.1320 Published online Dec. 8, 2011</p>	Patented by Medicon Pharmaceuticals Inc.; licensing status unavailable	<p>Huang, L. <i>et al. Cancer Res.</i>; published online Oct. 24, 2011; doi:10.1158/0008-5472.CAN-11-2349 Contact: Basil Rigas, State University of New York at Stony Brook, Stony Brook, N.Y. e-mail: basil.rigas@stonybrook.edu</p>