

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Alkylglycerone phosphate synthase (AGPS)	<p>Studies in patient samples and mice suggest inhibiting AGPS could help treat cancer. In tumor samples from patients with breast cancer, AGPS levels were higher than those in matched normal tissues. In human breast cancer and melanoma cell lines, small hairpin RNA against AGPS decreased motility, growth and invasiveness compared with control shRNA. In mouse xenograft models of breast cancer or melanoma, shRNA knockdown of AGPS decreased tumor growth compared with no knockdown. Next steps include conducting further studies to characterize the role of AGPS in cancer cell metabolism and developing small molecule inhibitors.</p> <p>SciBX 6(37); doi:10.1038/scibx.2013.1021 Published online Sept. 26, 2013</p>	Unpatented; licensing status not applicable	<p>Benjamin, D.I. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Aug. 26, 2013; doi:10.1073/pnas.1310894110</p> <p>Contact: Daniel K. Nomura, University of California, Berkeley, Calif. e-mail: dnomura@berkeley.edu</p>