

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Colorectal cancer	Cystathionine β -synthase (CBS)	<i>In vitro</i> and mouse studies suggest inhibiting CBS could help treat colorectal cancer. In a human colon cancer cell line, small hairpin RNA-mediated knockdown of CBS or a CBS inhibitor decreased proliferation, migration and invasion compared with control shRNA or vehicle. In mice bearing human cell line-derived or patient-derived colon tumors, a CBS inhibitor decreased tumor growth and tumor blood vessel density compared with vehicle. Future studies could include determining whether CBS is overexpressed in other solid tumor types.	Patented by The University of Texas Medical Branch; licensing status undisclosed	Szabo, C. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online July 8, 2013; doi:10.1073/pnas.1306241110 Contact: Mark R. Hellmich, The University of Texas Medical Branch, Galveston, Texas e-mail: mhellmic@utmb.edu Contact: Csaba Szabo, same affiliation as above e-mail: szabocsaba@aol.com
		SciBX 6(31); doi:10.1038/scibx.2013.821 Published online Aug. 15, 2013		