This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Phosphoserine aminotransferase 1 (PSAT1)	Studies in cell culture suggest inhibiting PSAT1 could help treat cancer. In human colon and lung cancer cells grown in serine starvation conditions, RNAi knockdown of <i>PSAT1</i> , a tumor-associated enzyme in the serine synthesis pathway, led to lower cancer cell proliferation than normal expression of <i>PSAT1</i> . Next steps could include testing PSAT1 inhibition in animal models.	Patent and licensing status unavailable	Ye, J. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online April 16, 2012; doi:10.1073/pnas.1204176109 Contact: Craig B. Thompson, Memorial Sloan-Kettering Cancer Center, New York, N.Y. e-mail: thompsonc@mskcc.org
<i>SciBX</i> 5(18); doi:10.1038/scibx.2012.463 Published online May 3, 2012				