

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Topoisomerase II binding protein 1 (TOPBP1)	<p>Mouse and cell culture studies suggest inhibiting TOPBP1 could help treat cancer. In multiple human breast cancer cell lines, inhibition of TOPBP1 with the dye calcein AM decreased viability compared with vehicle. In a mouse xenograft model of breast cancer, calcein AM decreased tumor growth compared with vehicle. Next steps include conducting pharmacokinetic and safety studies of calcein AM in mice and screening for more potent TOPBP1 inhibitors.</p> <p>SciBX 7(48); doi:10.1038/scibx.2014.1404 Published online Dec. 18, 2014</p>	Patent application filed; available for licensing	<p>Chowdhury, P. <i>et al. Nat. Commun.</i>; published online Nov. 17, 2014; doi:10.1038/ncomms6476</p> <p>Contact: Weei-Chin Lin, Baylor College of Medicine, Houston, Texas e-mail: weeichil@bcm.edu</p>