This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL)	Cell culture and mouse studies have identified a small molecule inducer of TRAIL expression that could help treat cancer. A cell-based screen identified a compound, TRAIL-inducing compound 10 (TIC10), that upregulated TRAIL expression at low micromolar concentrations and induced apoptosis in a panel of cancer cell lines. In multiple mouse xenograft models of cancer, TIC10 decreased tumor growth and increased survival compared with vehicle control. Next steps include an IND filing at Oncoceutics Inc., for which the corresponding author is founder and CSO.	Patent application filed; exclusively licensed to Oncoceutics	Allen, J.E. <i>et al. Sci. Transl. Med.</i> ; published online Feb. 6, 2013; doi:10.1126/scitranslmed.3004828 Contact: Wafik S. El-Deiry, Penn State Milton S. Hershey Medical Center, Hershey, Pa. e-mail: wafik.eldeiry@gmail.com
<i>SciBX</i> 6(8); doi:10.1038/scibx.2013.190 Published online Feb. 28, 2013				