This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Ras associated domain family 1A (RASSF1A)	<i>In vitro</i> and mouse studies identified a fluorescent carbazole analog of mahanine that could help treat cancer. In human prostate cancer cells, the analog increased mRNA expression of the tumor suppressor <i>RASSF1A</i> , which is silenced in some cancers, and inhibited cell proliferation better than mahanine. In mice with human prostate tumor xenografts, intraperitoneal injection of the analog reduced tumor volume by 40% compared with injection of vehicle. Next steps could include additional testing in cancer models.	Patent and licensing status unavailable	Sheikh, K. <i>et al. J. Med. Chem.</i> ; published online Feb. 25, 2010; doi:10.1021/jm9011615 Contact: Milton L. Brown, Georgetown University Medical Center, Washington, D.C. e-mail: mb544@georgetown.edu
<i>SciBX</i> 3(11); doi:10.1038/scibx.2010.341 Published online March 18, 2010				