This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Glioma-associated oncogene homolog 1 zinc finger protein (GLI1)	<i>In vitro</i> studies identified new inhibitors of GLI1-mediated transcription that could help treat cancer. A chemical library screen identified potent inhibitors of GLI1-mediated transcription. In mouse embryonic fibroblasts, a selected compound inhibited Gli-mediated transcription with an IC ₅₀ value of 6.9 μM. The compound also reduced survival of human cancer cell lines, including rhabdomyosarcoma, breast cancer, medulloblastoma, prostate cancer and Burkitt's lymphoma. Next steps include optimizing the potency and metabolic stability of the compounds.	Compounds unpatented; licensing status unavailable	Mahindroo, N. <i>et al. J. Med. Chem.</i> ; published online June 22, 2009; doi:10.1021/jm900106f Contact: Naoaki Fujii, St. Jude Children's Research Hospital, Memphis, Tenn. e-mail: naoaki.fujii@stjude.org
<i>SciBX</i> 2(26); doi:10.1038/scibx.2009.1036 Published online July 9, 2009				