This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer; brain cancer	Taspase threonine aspartase 1 (TASP1)	Cell culture and mouse studies identified a TASP1 inhibitor that could help treat breast cancer and gliomas. A cell-based screen of a National Cancer Institute small molecule library identified an arsonic acid–based molecule as a specific TASP1 inhibitor. In mouse xenograft models of TASP1-overexpressing human breast cancer and glioma, the inhibitor lowered tumor growth compared with vehicle. Next steps include developing more potent TASP1 inhibitors and identifying the most appropriate types of cancers to treat with such inhibitors. *SciBX* 5(3); doi:10.1038/scibx.2012.67 Published online Jan. 19, 2012	Patent application filed; available for licensing from Washington University in St. Louis **Contact:** Jon Kratochvil, Washington University in St. Louis, St. Louis, Mo. phone: 314-747-0923 e-mail: kratochj@wustl.edu	Chen, D.Y. *et al. Cancer Res.*; published online Dec. 13, 2011; doi:10.1158/0008-5472.CAN-11-2584 **Contact:** James J.-D. Hsieh, Memorial Sloan-Kettering Cancer Center, New York, N.Y. e-mail: hsiehj@mskcc.org