This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Brain cancer	K(lysine) acetyltransferase 2B (KAT2B; PCAF)	Cell culture and mouse studies suggest inhibiting PCAF could help treat brain cancer by reducing sonic hedgehog homolog (SHH) signaling. A small interfering RNA screen of histone acetyltransferases found that knockdown of *PCAF* impeded SHH pathway activation. In glioblastoma and medulloblastoma cell lines, knockdown of *PCAF* decreased growth compared with no knockdown. In mice, intracranial injection of neural stem cells with *PCAF* knockdown led to lower tumor growth than injection of cells with no knockdown. Next steps include seeking collaborators to develop PCAF inhibitors. *SciBX* 6(37); doi:10.1038/scibx.2013.1019 Published online Sept. 26, 2013	Unpatented; licensing status not applicable	Malatesta, M. *et al. Cancer Res.*; published online Aug. 13, 2013; doi:10.1158/0008-5472.CAN-12-4660 **Contact:** Kristian Helin, University of Copenhagen, Copenhagen, Denmark e-mail: kristian.helin@bric.ku.dk