This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Medulloblastoma	Kinesin family member 3A (KIF3A)	A study in human tissue and mice suggests that antagonizing KIF3A could help treat medulloblastoma. KIF3A is involved in the formation of primary cilia, which are cell-surface structures. In mice, Kif3a knockout reduced tumor proliferation compared with that in controls expressing Kif3a. Next steps include developing antagonists of KIF3A or other factors involved in primary cilium development.	Unpatented; licensing status not applicable	Han, Y.-G. <i>et al. Nat. Med.</i> ; published online Aug. 23, 2009; doi:10.1038/nm.2020 Contact: Arturo Alvarez-Buylla, University of California, San Francisco, Calif. e-mail: abuylla@stemcell.ucsf.edu
<i>SciBX</i> 2(36); doi:10.1038/scibx.2009.1378 Published online Sept. 17, 2009				