

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Brain cancer	Nanog homeobox (NANOG)	<i>In vitro</i> and mouse studies suggest that inhibiting NANOG could help treat brain cancer. In a glioblastoma cell line, vector-based small hairpin RNA knockdown of NANOG reduced proliferation compared with vector control treatment. In mice with intracranial glioblastoma stem cells derived from human tumors, vector-based shRNA knockdown of NANOG led to no tumor growth, whereas treatment using vectors with an irrelevant shRNA led to tumor formation. Future steps include developing NANOG inhibitors.	Patent and licensing status undisclosed	Zbinden, M. <i>et al. EMBO J</i> ; published online June 24, 2010; doi:10.1038/EMBOJ.2010.137 Contact: Ariel Ruiz i Altaba, University of Geneva Medical School, Geneva, Switzerland e-mail: ariel.ruizaltaba@unige.ch
<p>SciBX 3(26); doi:10.1038/scibx.2010.788 Published online July 1, 2010</p>				