This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Ovarian cancer	Inhibitor of differentiation 4 (ID4)	<i>In vitro</i> and mouse studies suggest inhibiting ID4 could help treat ovarian cancers. In ovarian cancer cell lines, ID4-targeting small interfering RNA inhibited cell proliferation compared with control siRNA. In mouse xenograft models of ovarian cancer, targeted, cancer cell-penetrating nanocomplexes loaded with ID4-targeting siRNA decreased tumor growth by up to 87% compared with control siRNA-loaded nanocomplexes. Next steps include studying the toxicity of the nanocomplex in additional small animal models. SciBX 5(35); doi:10.1038/scibx.2012.925 Published online Sept. 6, 2012	Patent application filed; available for licensing	Ren, Y. <i>et al. Sci. Transl. Med.</i> ; published online Aug. 15, 2012; doi:10.1126/scitranslmed.3003778 Contact: William C. Hahn, Harvard Medical School, Boston, Mass. e-mail: william_hahn@dfci.harvard.edu Contact: Sangeeta N. Bhatia, Massachusetts Institute of Technology, Cambridge, Mass. e-mail: sbhatia@mit.edu