This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Semaphorin 3E (SEMA3E); plexin D1 (PLXND1)	<i>In vitro</i> and mouse studies suggest that inhibiting SEMA3E or antagonizing its receptor, PLXND1, could help prevent cancer metastasis. In human metastatic carcinoma cells implanted into mice, small hairpin RNA-mediated knockdown of PLXND1 or SEMA3E decreased metastasis compared with that seen using control small hairpin RNA. Next steps include identifying a therapeutic SEMA3E inhibitor. SciBX 3(31); doi:10.1038/scibx.2010.953 Published online Aug. 12, 2010	Patent and licensing status unavailable	Casazza, A. <i>et al. J. Clin. Invest.</i> ; published online July 26, 2010; doi:10.1172/JCI42118 Contact: Luca Tamagnone, University of Torino Medical School, Candiolo, Italy e-mail: luca.tamagnone@ircc.it Contact: Massimiliano Mazzone, Flanders Institute for Biotechnology, Leuven, Belgium e-mail: massimiliano.mazzone@vib-kuleuven.be