This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Epidermal growth factor receptor (EGFR)	<i>In vitro</i> studies identified allosteric EGFR inhibitors that could help treat cancer. Hydrocarbon-stapled peptides were synthesized that disrupted formation of the coiled-coil produced when EGFR binds its epidermal growth factor ligand. In four cancer cell lines harboring either wild-type or mutant EGFR, the peptides inhibited EGFR phosphorylation and cell proliferation, whereas a control peptide did not. Next steps include testing the inhibitors in animal models of cancers with EGFR overexpression or mutation.	Patent application filed; available for partnership with Yale University	Sinclair, J.K.-L. <i>et al. J. Am. Chem. Soc.</i> ; published online July 30, 2014; doi:10.1021/ja504076t Contact: Alanna Schepartz, Yale University, New Haven, Conn. e-mail: alanna.schepartz@yale.edu
<i>SciBX</i> 7(35); doi:10.1038/scibx.2014.1036 Published online Sept. 11, 2014				