This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Alzheimer's disease (AD)	Amyloid precursor protein (APP)	Mouse studies suggest inhibiting production of soluble β-amyloid ($A\beta$) and $A\beta$ oligomers could help treat AD. In a mouse model of AD with inducible APP production, inhibiting APP production or depletion of soluble $A\beta$ improved cognitive performance and increased functional synapses around existing $A\beta$ plaques compared with no treatment. Next steps include identifying a therapeutic that specifically inhibits $A\beta$ production. <i>SciBX</i> 7(26); doi:10.1038/scibx.2014.772 Published online July 10, 2014	Patent and licensing status unavailable	Fowler, S.W. <i>et al.</i> <i>J. Neurosci.</i>; Published online July 4, 2014; doi:10.1523/JNEUROSCI.0572-14.2014 Contact: Joanna L. Jankowsky, Baylor College of Medicine, Houston, Texas e-mail: jankowsk@bcm.edu