This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Alzheimer's disease (AD)	β -Amyloid 42	<p>A high throughput screen identified small molecule inhibitors of β-amyloid 42 aggregation that could help treat AD. In rat neuronal cells, the lead inhibitor lowered β-amyloid 42-induced toxicity compared with no inhibitor. In a fruit fly model of AD, the inhibitor decreased locomotor deficits and increased lifespan compared with no treatment. Next steps include developing optimized derivatives and testing them in mouse models of AD.</p> <p>SciBX 5(39); doi:10.1038/scibx.2012.1035 Published online Oct. 4, 2012</p>	Unpatented; available for partnering and collaboration	<p>McKoy, A.F. <i>et al. J. Biol. Chem.</i>; published online Sept. 19, 2012; doi:10.1074/jbc.M112.348037 Contact: Michael H. Hecht, Princeton University, Princeton, N.J. e-mail: hecht@princeton.edu</p>