This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Alzheimer's disease (AD)	p75 neurotrophin receptor (p75 NTR)	<i>In vitro</i> and <i>in vivo</i> studies suggest that inhibiting p75 NTR could help treat AD. <i>In vitro</i> , β -amyloid (A β) oligomers interacted with the extracellular domain of p75 NTR. In <i>p75 Ntr</i> ^{-/-} mice, hippocampal dystrophy was reduced and basal forebrain cholinergic neurite degeneration was reversed compared with what was seen in wild-type mice. Next steps could include testing inhibition of p75 NTR in animal models of AD.	Patent and licensing status unavailable	Knowles, J. <i>et al. J. Neurosci.</i> ; published online Aug. 26, 2009; doi:10.1523/JNEUROSCI.0620- 09.2009 Contact: Frank M. Longo, Stanford University School of Medicine, Stanford, Calif. e-mail: longo@stanford.edu
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