

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Alzheimer's disease (AD)	Amyloid precursor protein (APP); $\beta$ -amyloid ( $A\beta$ )	A study in mice suggests that blocking endocytosis could be a strategy to treat AD. In APP transgenic mice, hippocampal infusion of an endocytosis peptide inhibitor significantly lowered $A\beta$ levels in brain interstitial fluid compared with those in either untreated mice or those that received scrambled peptide ( $p < 0.0001$ ). Next steps include screening for inhibitors of endocytosis that could protect against behavioral and cognitive changes associated with AD without negatively affecting synaptic transmission.	Not patented; licensing status undisclosed; researchers are interested in collaborating with companies	Cirrito, J.R. <i>et al. Neuron</i> ; published online April 10, 2008; doi:10.1016/j.neuron.2008.02.003 <b>Contact:</b> John R. Cirrito, Washington University School of Medicine, St. Louis, Mo. e-mail: <a href="mailto:cirritoj@neuro.wustl.edu">cirritoj@neuro.wustl.edu</a>