This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Epilepsy; seizures	Microtubule- associated protein- τ (MAPT; TAU; FTDP-17)	Mouse studies suggest inhibiting TAU protein could help prevent seizures. In a mouse model of severe seizures, high Tau protein levels resulted in quicker progression to severe seizures than low Tau protein levels. In mice, intracerebroventricular delivery of Tau-targeting antisense oligonucleotides (ASOs) decreased Tau protein levels and severity of pentylenetetrazole-induced seizures compared with scrambled ASOs. Next steps could include testing ASOs in epilepsy patients.	Patent and licensing status unavailable	DeVos, S.L. <i>et al. J. Neurosci.</i> ; published online July 31, 2013; doi:10.1523/JNEUROSCI.2107-13.2013 Contact: Timothy M. Miller, Washington University in St. Louis, St. Louis, Mo. e-mail: millert@neuro.wustl.edu
<i>SciBX</i> 6(33); doi:10.1038/scibx.2013.900 Published online Aug. 29, 2013				