This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Epilepsy	Calcineurin; p38 mitogen-activated protein kinase (p38 MAPK; MAPK14)	<i>In vitro</i> and rat studies suggest that inhibiting calcineurin and/or upregulating p38 MAPK could help treat epilepsy. In pyramidal neurons derived from epileptic animals, inhibiting calcineurin or increasing p38 MAPK activity reduced epilepsy-associated neuronal hyperexcitability compared with that in controls. Next steps include confirming the results of pharmacological intervention in animal models of epilepsy. SciBX 3(20); doi:10.1038/scibx.2010.627 Published online May 20, 2010	Findings unpatented; licensing status unavailable	Jung, S. <i>et al.</i> <i>J. Neurosci.</i> ; published online April 12, 2010; doi:10.1523/JNEUROSCI.1290-10.2010 Contact: Nicholas P. Poolos, University of Washington, Seattle, Wash. e-mail: npoolos@u.washington.edu