This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Seizures	Calcium channel voltage-dependent L type- α 1C subunit (CACNA1C; Cav1.2)	<p>Rodent and cell culture studies suggest inhibiting Cav1.2 could help treat febrile seizures. In rat hippocampal pyramidal neurons, Cav1.2 was associated with temperature-induced, seizure-related firing activity. In rat pups, the nonselective calcium channel blocker nimodipine decreased the incidence and duration of febrile seizures compared with vehicle. Next steps could include screening for Cav1.2-selective inhibitors and evaluating their effect in models for febrile seizure.</p> <p>Nimodipine is a generic drug used to improve neurological outcomes after subarachnoid hemorrhage. Oral formulations of the drug are marketed by Bayer AG as Nimotop and Arbor Pharmaceuticals Inc. as Nymalize.</p> <p>SciBX 6(27); doi:10.1038/scibx.2013.692 Published online July 18, 2013</p>	Patent and licensing status unavailable	<p>Radzicki, D. <i>et al. J. Neurosci.</i>; published online June 12, 2013; doi:10.1523/JNEUROSCI.5482-12.2013 Contact: Marco Martina, Northwestern University, Chicago, Ill. e-mail: m-martina@northwestern.edu</p>