This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	Cardiolipin	<p>Rat and cell culture studies suggest inhibiting cardiolipin oxidation in mitochondria could help treat traumatic brain injury (TBI). In a rat model of cortical impact injury, pharmacological inhibition of cardiolipin oxidation in mitochondria postinjury increased recovery of motor and cognitive function compared with vehicle treatment. In the same rat model, inhibition of cardiolipin oxidation decreased lesion volume and neuronal cell death. Next steps include discovering and optimizing mitochondria-targeted compounds that inhibit cardiolipin oxidation.</p> <p>SciBX 5(35); doi:10.1038/scibx.2012.936 Published online Sept. 6, 2012</p>	<p>Patent applications filed; available for licensing from the University of Pittsburgh Office of Technology Management</p>	<p>Ji, J. <i>et al. Nat. Neurosci.</i>; published online Aug. 26, 2012; doi:10.1038/nn.3195 Contact: Hülya Bayır, University of Pittsburgh, Pittsburgh, Pa. e-mail: bayihx@ccm.upmc.edu</p>