This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Anxiety	Transient receptor potential cation channel subfamily C member 4 (TRPC4)	<p>Mouse studies suggest inhibiting TRPC4 could help treat anxiety. In multiple behavioral assays that assess innate fear, <i>Trpc4</i>-deficient mice had less anxiety than wild-type mice. In the mice, deletion of <i>Trpc4</i> had no effect on learned fear responses, motor coordination or balance. Next steps could include determining how activation of TRPC4 and related channels contribute to anxiety and determining which TRP channel is the most suitable target for clinical intervention.</p> <p>SciBX 7(11); doi:10.1038/scibx.2014.319 Published online March 20, 2014</p>	Patent and licensing status unavailable	<p>Riccio, A. <i>et al. J. Neurosci.</i>; published online March 5, 2014; doi:10.1523/JNEUROSCI.2274-13.2014 Contact: David E. Clapham, Harvard Medical School, Boston, Mass. e-mail: dclapham@enders.tch.harvard.edu</p>