

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Depression	Calcium calmodulin-dependent protein kinase II β (CAMK2B)	<p>Rodent studies suggest decreasing CAMK2B activity in the lateral habenula region of the brain could help treat depression. In three rat models of depression, Camk2b levels were higher in this region than those in healthy controls. In a rat model of depression, both the generic antidepressant imipramine and <i>Camk2b</i>-targeting RNAi decreased Camk2b levels and depression symptoms compared with vehicle or control RNAi. Next steps include developing a method for targeted drug delivery to the lateral habenula.</p> <p><i>SciBX</i> 6(37); doi:10.1038/scibx.2013.1034 Published online Sept. 26, 2013</p>	Patent application filed; licensing status undisclosed	<p>Li, K. <i>et al. Science</i>; published online Aug. 30, 2013; doi:10.1126/science.1240729 Contact: Hailan Hu, Chinese Academy of Sciences, Shanghai, China e-mail: hailan@ion.ac.cn</p>