

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Depression	Peroxisomal biogenesis factor 5-like (PEX5L; TRIP8b)	<p>Mouse studies suggest inhibiting TRIP8b could help treat depression. In mice, knockout of Trip8b, a subunit of a voltage-gated ion channel, led to decreased hyperpolarization-activated current in hippocampal pyramidal neurons compared with that in wild-type mice. In mouse depression models, <i>Trip8b</i> knockout led to greater mobility during the forced swim test and lower tail suspension than those in wild-type mice. Next steps include identifying a compound that inhibits the target.</p> <p>SciBX 4(23); doi:10.1038/scibx.2011.662 Published online June 9, 2011</p>	Patent and licensing status unavailable	<p>Lewis, A.S. <i>et al. J. Neurosci.</i>; published online May 18, 2011; doi:10.1523/JNEUROSCI.0936-11.2011 Contact: Dane M. Chetkovich, Northwestern University, Chicago, Ill. e-mail: d-chetkovich@northwestern.edu</p>