

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Anxiety	EPH receptor B2 (EPHB2); FK506 binding protein 5 (FKBP5)	<p>Studies in mice suggest that inhibiting EPHB2 or FKBP5 could help treat anxiety disorders. In a mouse model of stress-induced anxiety, Ephb2 cleavage and Fkbp5 expression were greater than those in unstressed mice. Injection of an anti-Ephb2 antibody or anti-Fkbp5 small hairpin RNA into the amygdala decreased anxious behavior in the mice compared with injection of control antibody or shRNA. Next steps include verifying the findings in human genomewide association studies and identifying industry partners to develop therapeutics targeting EPHB2 or FKBP5.</p> <p>SciBX 4(17); doi:10.1038/scibx.2011.488 Published online April 28, 2011</p>	Unpatented; licensing status not applicable	<p>Attwood, B.K. <i>et al. Nature</i>; published online April 20, 2011; doi:10.1038/nature09938</p> <p>Contact: Robert Pawlak, University of Leicester, Leicester, U.K. e-mail: rp135@le.ac.uk</p>