

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Pain	Neurotrophic tyrosine kinase receptor 2 (NTRK2; TrkB)	Studies in mice suggest that inhibiting TrkB could be useful for treating pain. In mice, selective inhibition of TrkB autophosphorylation prevented the development of a tissue-induced and nerve injury-induced pain response compared with what was seen in wild-type mice. Inhibition of TrkB also prevented prolonged mechanical hypersensitivity compared with that seen in controls. Next steps include developing small molecule inhibitors of TrkB.	Unpatented; unlicensed	Wang, X. <i>et al. J. Neurosci.</i> ; published online April 29, 2009; doi:10.1523/JNEUROSCI.4288-08.2009 Contact: Allan I. Basbaum, University of California, San Francisco, Calif. e-mail: allan.basbaum@ucsf.edu
<p>SciBX 2(17); doi:10.1038/scibx.2009.719 Published online April 30, 2009</p>				