

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Nerve damage	Neurotrophic tyrosine kinase receptor 2 (NTRK2; TrkB)	<p>Mouse studies suggest two TrkB agonists could be applied topically to treat nerve damage. In a mouse model of peripheral nerve injury, topical or systemic treatment with either of two previously described TrkB agonists—7,8 dihydroxyflavone and deoxygedunin—both increased axon regeneration compared with controls that did not receive either compound. Next steps include testing the effects of the TrkB agonists on nerve function in mice and other animal models of nerve injury.</p> <p><b>SciBX 6(39); doi:10.1038/scibx.2013.1102</b>  <b>Published online Oct. 10, 2013</b></p>	Patent pending; available for licensing	<p>English, A.W. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Sept. 16, 2013; doi:10.1073/pnas.1303646110</p> <p><b>Contact:</b> Arthur W. English, Emory University School of Medicine, Atlanta, Ga.            e-mail: <a href="mailto:medae@emory.edu">medae@emory.edu</a></p>