

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Nerve damage	Myosin, heavy chain 10 non-muscle (MYH10; NMHCII)	Cell culture studies suggest that inhibiting MYH10 could help treat nerve damage. In cultured rat neurons, the MYH10 inhibitor blebbistatin increased axon length compared with vehicle control. In a cell culture model of axon growth inhibition, blebbistatin increased axon growth compared with vehicle control despite the presence of an inhibitory substrate. Next steps include testing whether inhibition of MYH10 can promote axon regeneration in animal models of spinal cord injury.	Patent application filed; available for licensing	Hur, E.-M. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online March 7, 2011; doi:10.1073/pnas.1011258108 <b>Contact:</b> Feng-Quan Zhou, The Johns Hopkins University, Baltimore, Md. e-mail: <a href="mailto:fzhou4@jhmi.edu">fzhou4@jhmi.edu</a>
		<b>SciBX 4(11); doi:10.1038/scibx.2011.318</b> Published online March 17, 2011		