

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Spinal cord injury (SCI)	Bone morphogenetic protein 4 (BMP4)	<p>Studies in mice suggest that intrathecal injection of virally encoded BMP4 could help treat SCI. In mice, post-SCI intrathecal injections of a viral vector expressing Bmp4 selectively targeted dorsal root ganglion neurons and increased axon regeneration compared with injection of a vector expressing control protein. Next steps include optimizing injection parameters such as dose and frequency and developing conditionally inducible BMP vectors.</p> <p><b>SciBX 4(18); doi:10.1038/scibx.2011.519</b>  <b>Published online May 5, 2011</b></p>	Unpatented; available for licensing	<p>Parikh, P. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online April 25, 2011; doi:10.1073/pnas.1100426108</p> <p><b>Contact:</b> Hongyan Zou, Mount Sinai School of Medicine, New York, N.Y.            e-mail: <a href="mailto:hongyan.zou@mountsinai.org">hongyan.zou@mountsinai.org</a></p>