This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	Not applicable	<p>Studies in murine neural tissue and in rats suggest that spermidine could help promote axonal regeneration and potentially treat CNS injury. In rat dorsal root ganglions (DRGs) cultured on myelin, exogenous spermidine induced DRGs to grow three times longer than untreated DRGs. In a rat model of optic nerve damage, intraocular delivery of spermidine promoted axonal regeneration compared with saline control. Ongoing work includes testing spermidine in models of spinal cord injury (SCI) and elucidating spermidine's mechanism of action in axonal regeneration.</p> <p>SciBX 2(30); doi:10.1038/scibx.2009.1190 Published online Aug. 6, 2009</p>	Patented; available for licensing	<p>Deng, K. <i>et al. J. Neurosci.</i>; published online July 29, 2009; doi:10.1523/JNEUROSCI.1175-09.2009 Contact: Marie T. Filbin, Hunter College, New York, N.Y. e-mail: filbin@genectr.hunter.cuny.edu</p>