This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neuropathy	Glial cell line-derived neurotrophic factor family receptor $\alpha 1$ (GFRA1)	Studies in mice suggest a small molecule positive modulator of GFRA1 could be useful for treating small fiber peripheral neuropathy. In mice with neuropathy resulting from reduced glial cell-derived neurotrophic factor (GDNF) levels or diabetes, topical application of a positive GFRA1 modulator called XIB4035 increased thermal nociception compared with application of vehicle. Next steps include preclinical toxicology studies.	Patented; available for licensing	Hedstrom, K.L. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Jan. 21, 2014; doi:10.1073/pnas.1308889111 Contact: Gabriel Corfas, Harvard Medical School, Boston, Mass. e-mail: gabriel.corfas@childrens.harvard.edu
		SciBX 7(8); doi:10.1038/scibx.2014.229 Published online Feb. 27, 2014		