This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Pain	Bradykinin receptor	Rat and <i>in vitro</i> studies identified dynorphin A analogs that antagonize bradykinin receptors and could be useful for treating chronic pain. <i>In vitro</i> , the lead analog bound to bradykinin receptors with higher affinity than bradykinin and inhibited bradykinin receptors with nanomolar IC ₅₀ values. In a rat model of neuropathic pain, the lead analog decreased sensitivity to thermal and mechanical pain compared with vehicle. Next steps could include optimizing the dynorphin A analogs.	Patent and licensing status unavailable	Lee, Y.S. <i>et al.</i> <i>J. Am. Chem. Soc.</i> ; published online April 17, 2014; doi:10.1021/ja501677q Contact: Victor J. Hruby, The University of Arizona, Tucson, Ariz. e-mail: hruby@email.arizona.edu
SciBX 7(21); doi:10.1038/scibx.2014.620 Published online May 29, 2014				