This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	CXC chemokine receptor 6 (CXCR6); chemokine CXC motif ligand 16 (CXCL16)	Cell culture studies suggest agonizing CXCR6 could help prevent neuronal cell death. In cultured hippocampal neurons, addition of CXCL16 decreased glutamate-induced cell death compared with vehicle addition. The effect was dependent on expression of the CXCL16 receptor, CXCR6. Next steps could include screening for CXCR6 agonists and testing CXCL16 in mouse models of neurological diseases.	Patent application filed; licensing status undisclosed	Rosito, M. <i>et al. J. Neurosci.</i> ; published online Feb. 29, 2012; doi:10.1523/JNEUROSCI.4046-11.2012 Contact: Flavia Trettel, Sapienza University of Rome, Italy e-mail: flavia.trettel@uniroma1.it
<i>SciBX</i> 5(11); doi:10.1038/scibx.2012.286 Published online March 15, 2012				