This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Stroke	Discs large homolog 4 (DLG4; PSD95); neuronal nitric oxide synthase 1 (NOS1; nNOS)	Rodent studies suggest that inhibiting interactions between nNOS and PSD95 in neurons could help decrease damage caused by stroke. In a mouse model of stroke, formation of the nNOS-PSD95 complex was greater than that in healthy mice. In mice and rats, i.v. delivery of a small molecule inhibitor of the complex before or after stroke-induced injury reduced infarct size compared with vehicle control and did not cause memory deficits. Next steps could include optimizing the compound. <i>SciBX</i> 3(47); doi:10.1038/scibx.2010.1420 Published online Dec. 9, 2010	Patent and licensing status unavailable	Zhou, L. <i>et al. Nat. Med.</i> ; published online Nov. 21, 2010; doi:10.1038/nm.2245 Contact: Dong-Ya Zhu, Nanjing Medical University, Nanjing, China e-mail: dyzhu@njmu.edu.cn Contact: Chun-Xia Luo, same affiliation as above e-mail: chunxialuo@njmu.edu.cn