This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Stroke	Discs large homolog 4 (DLG4; PSD95)	<p>Mouse studies identified a peptide-based PSD95 inhibitor that could help treat stroke. PSD95 inhibitors containing two distinct PSD95-binding peptides and a cell-penetrating peptide to increase blood brain barrier penetration were synthesized. In a mouse model of cerebral ischemia, injection of the inhibitors after insult decreased infarct size and restored motor performance compared with saline injection. Next steps include testing the inhibitors in additional ischemic models and in animal models of pain.</p> <p>SciBX 5(9); doi:10.1038/scibx.2012.234 Published online March 1, 2012</p>	Patent applications filed; available for licensing	<p>Bach, A. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Feb. 17, 2012; doi:10.1073/pnas.1113761109 Contact: Kristian Strømgaard, University of Copenhagen, Copenhagen, Denmark e-mail: krst@farma.ku.dk Contact: Anders Bach, same affiliation as above e-mail: anba@farma.ku.dk</p>