

### This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Disease models</b>			
Neuroprotection and functional recovery in macaque models of stroke	<p>Macaque models could aid the development of neuroprotective therapies to treat stroke. In macaque models of surgery-induced ischemic stroke, administration of the neuroprotective peptide NA-1 up to three hours after stroke onset decreased infarct size and increased neurobehavioral and sensorimotor performance compared with placebo. In the model, infarct size as measured by MRI correlated with neurobehavioral outcomes. Planned work by NoNo Inc., which licensed the findings, includes clinical trials of NA-1 to treat ischemic stroke.</p> <p>NoNo has completed Phase II testing of NA-1, a 20-mer peptide inhibitor of discs large homolog 4 (DLG4; PSD95), to decrease brain damage following subarachnoid hemorrhage.</p> <p><b>SciBX 5(10); doi:10.1038/scibx.2012.266</b>  <b>Published online March 8, 2012</b></p>	Macaque models and NA-1 patented by NoNo; models available for licensing or partnering	<p>Cook, D.J. <i>et al. Nature</i>; published online Feb. 29, 2012;            doi:10.1038/nature10841  <b>Contact:</b> Michael Tymianski,            Toronto Western Research Institute, Toronto, Ontario, Canada            e-mail:  <a href="mailto:mike.tymianski@uhn.ca">mike.tymianski@uhn.ca</a></p>