

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
<p>Mouse model of traumatic brain injury (TBI)</p>	<p>A mouse model of TBI could be useful for studying inflammatory mechanisms in the disease and screening for potential treatments. To mimic TBI, mice underwent surgical thinning and compression of the skull. Transcranial imaging of the injury site revealed proinflammatory innate immune activity and apoptosis. Local administration of purinergic receptor antagonists showed that acute inflammation protects against cell death. Next steps include identifying and testing drug candidates that modulate inflammatory response and cell death in the model.</p>	<p>Patent and licensing status undisclosed</p>	<p>Roth, T.L. <i>et al. Nature</i>; published online Dec. 8, 2013; doi:10.1038/nature12808 Contact: Dorian B. McGavern, National Institutes of Health, Bethesda, Md. e-mail: mcgavernd@mail.nih.gov</p>
	<p>SciBX 7(4); doi:10.1038/scibx.2014.128 Published online Jan. 30, 2014</p>		