This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Brain endothelium as a site for CNS-directed enzyme therapy	<p>Endothelial cells in the blood brain barrier (BBB) could be sites for CNS-targeted enzyme therapy. In mouse models of lysosomal storage disease, a screen identified peptides with high affinity for endothelial cells of the brain microvasculature. As proof of principle, injection of adeno-associated virus expressing those peptides on their surface led to local delivery of enzymes that helped improved CNS pathology. Next steps could include determining if the properties of the brain endothelium are altered in other diseases and if peptides can be identified that are specific to individual lysosomal storage diseases.</p> <p>SciBX 2(37); doi:10.1038/scibx.2009.1425 Published online Sept. 24, 2009</p>	Patent and licensing status unavailable	<p>Chen, Y.H. <i>et al. Nat. Med.</i>; published online Sept. 13, 2009; doi:10.1038/nm.2025</p> <p>Contact: Beverly L. Davidson, University of Iowa, Iowa City, Iowa e-mail: beverly-davidson@uiowa.edu</p>