

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Neuronal regeneration using nasal olfactory ectomesenchymal stem cells (OE-MSCs)	<p>Mouse studies suggest nasal olfactory stem cells could be used to treat neurodegenerative disease. Mice with human OE-MSCs transplanted into the injured hippocampus had increased memory in olfactory- and visual cue-based tests compared with sham-transplanted controls. After five weeks, the transplanted OE-MSCs differentiated into neurons and stimulated endogenous neurogenesis. Next steps include testing the cell transplant approach in rodent models of Alzheimer's disease (AD) and spinal cord injury (SCI).</p> <p>SciBX 4(26); doi:10.1038/scibx.2011.749 Published online June 30, 2011</p>	Unpatented; unavailable for licensing	<p>Nivet, E. <i>et al. J. Clin. Invest.</i>; published online June 13, 2011; doi:10.1172/JCI44489</p> <p>Contact: Emmanuel Nivet, Salk Institute for Biological Studies, La Jolla, Calif. e-mail: enivet@salk.edu</p>