This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Fibroblast growth factor-2 (FGF-2)-secreting osteoblasts could help promote bone repair by stem cells	<p>Mouse studies suggest that FGF-2-secreting osteoblasts could help promote bone repair by stem cells. Mouse osteoblasts were engineered to secrete FGF-2. In mouse models of skull bone defects, implantation of a polymer scaffold carrying the engineered osteoblasts and mouse adipose stem cells plus systemic FK506 binding protein 1A (FKBP1A) ligand led to greater bone growth than implantation of empty scaffolds and no ligand. Future studies could include testing the implants and FKBP1A ligand in other animal models of bone defects.</p> <p>SciBX 4(7); doi:10.1038/scibx.2011.205 Published online Feb. 17, 2011</p>	Patent and licensing status unavailable	<p>Kwan, M.D. <i>et al. J. Biol. Chem.</i>; published online Jan. 24, 2011; doi:10.1074/jbc.M110.180042 Contact: Michael T. Longaker, Stanford University School of Medicine, Stanford, Calif. e-mail: longaker@stanford.edu Contact: Thomas J. Wandless, same affiliation as above e-mail: wandless@stanford.edu</p>