This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Prolonged culturing to improve outcomes of engineered vascularized muscle grafts	<p>Mouse studies suggest culturing engineered vascularized muscle grafts for three-week periods could help increase graft acceptance following transplant. Muscle grafts were generated from cultured endothelial cells, myoblasts and foreskin fibroblasts. In mice, the resulting grafts showed greater blood vessel perfusion, integration with host vasculature and muscle performance than grafts generated using a standard one- or two-week culturing system. Next steps include using the approach on larger engineered vascularized grafts.</p> <p><i>SciBX</i> 4(34); doi:10.1038/scibx.2011.977 Published online Sept. 1, 2011</p>	Patent pending; available for licensing from Technion Research & Development Foundation Ltd.	<p>Koffler, J. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Aug. 22, 2011; doi:10.1073/pnas.1017825108 Contact: Shulamit Levenberg, Technion-Israel Institute of Technology, Haifa, Israel e-mail: Shulamit@bm.technion.ac.il</p>