This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Transplantable, recellularized arterial graft using decellularized blood vessels	Engineered blood vessels built upon decellularized matrices could be used as functional vascular grafts to treat cardiovascular diseases. The engineered arterial grafts were created from cultured blood vessels that were decellularized and then seeded with either endothelial progenitor cells or endothelial cells from an intended porcine graft recipient. In pigs, all five engineered arterial grafts remained unobstructed compared with only three of eight vein grafts. Next steps include engineering and evaluating vascular grafts that do not use cells from the intended recipient.	Patent application filed; exclusively licensed to an undisclosed company	Quint, C. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online May 12, 2011; doi:10.1073/pnas.1019506108 Contact: Laura E. Niklason, Yale University, New Haven, Conn. e-mail: laura.niklason@yale.edu
	<i>SciBX</i> 4(20); doi:10.1038/scibx.2011.585 Published online May 19, 2011		