This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Cytochrome c-encapsulating nanoparticles for cancer therapy and imaging	Nanoparticles that encapsulate cytochrome c could help treat and diagnose cancer. The nanoparticles consist of a branched polymer that encapsulates apoptosis-inducing cytochrome c and a fluorescent dye for imaging. In a human breast carcinoma cell line, the nanoparticles reduced cell viability compared with empty nanoparticles and saline buffer control. In a human lung cancer cell line, the nanoparticles increased cell death and showed greater fluorescence compared with control cancer cells that did not take up the nanoparticles. Next steps could include evaluating the nanoparticles in animal cancer models.	Patent and licensing status unavailable	Perez, J.M. <i>et al. Mol. Pharm.</i> ; published online June 10, 2010; doi:10.1021/mp100043h Contact: J. Manuel Perez, University of Central Florida, Orlando, Fla. e-mail: jmperez@mail.ucf.edu
	SciBX 3(26); doi:10.1038/scibx.2010.805 Published online July 1, 2010		