This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Chemistry			
Poly(oligo(ethylene glycol) methyl ether methacrylate) (poly(OEGMA)) conjugates for improving drug pharmacokinetics	Studies in mice suggest that poly(OEGMA) conjugates could help improve the pharmacokinetic profile and bioavailability of protein- and peptide-based therapeutics. In mice, poly(OEGMA)-conjugated myoglobin showed a 41-fold increase in blood exposure compared with unconjugated myoglobin. The conjugated myoglobin had distribution and elimination half-lives of 2 and 18 hours compared with 3 minutes and 2 hours for the unconjugated form. Next steps include evaluating poly(OEGMA) conjugation with protein- and peptide-based therapeutics.	Patent status undisclosed; available for licensing from the Duke University Office of Licensing & Ventures	Gao, W. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Aug. 17, 2009; doi:10.1073/pnas.0904378106 Contact: Ashutosh Chilkoti, Duke University, Durham, N.C. e-mail: chilkoti@duke.edu
	SciBX 2(33); doi:10.1038/scibx.2009.1289 Published online Aug. 27, 2009		