This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Intracellular delivery of IgG with polyionic micelles	<i>In vitro</i> studies suggest that polyionic micelles could efficiently deliver therapeutic antibodies into the interior of cells. Micelles consisting of a polyethylene glycol (PEG)-based cationic polymer and loaded with a highly anionic IgG were internalized by cells and degraded at intracellular pH to release their IgG payload into the cytosol. In a human hepatoma cell line, micelles carrying an IgG inhibitor of the nuclear pore complex reduced cell growth compared with vehicle. Ongoing work includes loading the micelles with IgGs that target other cellular proteins or protein complexes.	Patented by The University of Tokyo; available for licensing	Lee, Y. <i>et al. Angew. Chem. Int. Ed.</i> ; published online March 6, 2010; doi:10.1002/anie.200905264 Contact: Kazunori Kataoka, The University of Tokyo, Tokyo, Japan e-mail: kataoka@bmw.t.u-tokyo.ac.jp
	SciBX 3(12); doi:10.1038/scibx.2010.390 Published online March 25, 2010		