This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Squalene nanoparticles of gemcitabine	<p>Nanoparticles of gemcitabine and the lipid squalene could treat tumors more efficiently than free gemcitabine. The conjugates of the chemotherapeutic and squalene self-assembled into nanoparticles that were more resistant to <i>in vivo</i> degradation than free gemcitabine. In mice, the nanoparticles reduced tumor growth and increased survival compared with free gemcitabine. Ongoing work includes associating an imaging agent with the nanoassemblies for diagnostic purposes.</p> <p>SciBX 2(31); doi:10.1038/scibx.2009.1228 Published online Aug. 13, 2009</p>	Patented; licensing status undisclosed	<p>Reddy, L. <i>et al. Mol. Pharm.</i>; published online July 27, 2009; doi:10.1021/mp900099e</p> <p>Contact: Patrick Couvreur, University of South Paris XI, Chatenay-Malabry, France e-mail: patrick.couvreur@u-psud.fr</p>