This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Size-controlled supramolecular gold nanoparticles for targeted photothermal therapy in cancer	<p>Size-controlled supramolecular gold nanoparticles could be useful for targeted photothermal cancer therapies. The nanoparticles consisted of adamantane-grafted gold colloids, β-cyclodextrin-grafted polyethylene imine (PEI) and adamantane-grafted polyethylene glycol (PEG) linked to a cancer-targeting molecule. <i>In vitro</i>, the nanoparticles targeted and killed cancer cells following exposure to a laser pulse. Next steps include evaluating the nanoparticles in additional preclinical studies.</p> <p>SciBX 3(17); doi:10.1038/scibx.2010.539 Published online April 29, 2010</p>	Patent application filed; licensed to NanoPacific Holdings Inc.	<p>Wang, S. <i>et al. Angew. Chem. Int. Ed.</i>; published online April 9, 2010; doi:10.1002/anie.201000062</p> <p>Contact: Hsian-Rong Tseng, University of California, Los Angeles, Calif. e-mail: hrtseng@mednet.ucla.edu</p> <p>Contact: Pei-Yu Chiou, same affiliation as above e-mail: pychiou@seas.ucla.edu</p> <p>Contact: Shutao Wang, same affiliation as above e-mail: shutaowang@mednet.ucla.edu</p>