This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Magnetic nanoparticles for simultaneous molecular imaging and small interfering RNA delivery	<p>Magnetic nanoparticle probes could be a useful tool for simultaneous molecular imaging and delivering siRNA. The probes were made by conjugating a magnetic nanoparticle with therapeutic siRNA, a fluorescent dye and a cell-specific targeting moiety. In breast cancer and lung carcinoma cells, simultaneous MRI and fluorescence confocal microscopy showed that the conjugated nanoparticle probes bound to their targeted cells. Next steps include examining the effects of <i>in vivo</i> delivery of the nanoparticle probes.</p> <p>SciBX 2(20); doi:10.1038/scibx.2009.849 Published online May 21, 2009</p>	Unpatented; unlicensed	<p>Lee, J. <i>et al. Angew. Chem. Int. Ed.</i>; published online April 30, 2009; doi:10.1002/anie.200805998</p> <p>Contact: Jinwoo Cheon, Yonsei University, Seoul, Korea e-mail: jcheon@yonsei.ac.kr</p> <p>Contact: Tae Gwan Park, Korea Advanced Institute of Science and Technology, Daejeon, Korea e-mail: tgpark@kaist.ac.kr</p>