This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
Stimulated Raman scattering for imaging contrast	<p>Stimulated Raman scattering microscopy could be a more sensitive imaging technique than existing Raman approaches, offering background-free and interpretable chemical contrast. The 3D label-free technique was used for imaging omega-3 fatty acid uptake by human lung cancer cells, for 3D sectional imaging of mouse skin and brain tissue and for monitoring drug delivery and distribution of dimethyl sulfoxide and retinoic acid in mouse skin. Next steps could include using the imaging method for different <i>ex vivo</i> or <i>in situ</i> pharmacokinetics studies.</p> <p>SciBX 2(3); doi:10.1038/scibx.2009.122 Published online Jan. 22, 2009</p>	Patent and licensing status unavailable	<p>Freudiger, C. <i>et al. Science</i>; published online Dec. 18, 2008; doi:10.1126/science.1165758</p> <p>Contact: Sunney Xie, Harvard University, Cambridge, Mass. e-mail: xie@chemistry.harvard.edu</p>