This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
Chemiluminescence resonance energy transfer (CRET) for detection of myeloperoxidase (MPO)	<p>An imaging method called CRET could help assess oxidative stress and inflammation <i>in vivo</i>. In resected lungs from mice challenged with proinflammatory lipopolysaccharide (LPS), CRET imaging yielded about 40-fold greater luminescence emission in response to MPO than a control non-CRET imaging method. In a mouse xenograft model for systemic breast cancer metastasis, CRET imaging detected all metastatic lesions via the associated MPO activity. Next steps include developing a clinical imaging system and clinical-grade imaging reagents.</p> <p>SciBX 6(10); doi:10.1038/scibx.2013.252 Published online March 14, 2013</p>	<p>Patent application filed; available for licensing from PerkinElmer Inc. Contact: Mark Roskey, PerkinElmer Inc., Waltham, Mass. e-mail: mark.roskey@perkinelmer.com</p>	<p>Zhang, N. <i>et al. Nat. Med.</i>; published online March 3, 2013; doi:10.1038/nm.3110 Contact: Ning Zhang, Pharmaron, Beijing, China e-mail: ning.zhang@pharmaron.com</p>