This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
¹⁸ F-labeled nitroimidazole-1,4,7-triazacyclononane-1,4-diacetic acid (NODA) conjugate for hypoxia imaging	<i>In vitro</i> and mouse studies identified a PET imaging agent that could be useful as a cancer diagnostic. NODA conjugates were labeled with ¹⁸ F. In various cell lines, uptake of the labeled conjugates was greater under hypoxic conditions than normal conditions. In murine colon cancer xenografts injected with the labeled conjugates, PET scans showed higher accumulation of the conjugate in tumor tissue than nontumor tissue. Next steps include preclinical toxicity testing in two undisclosed animal species.	Patent application filed; available for licensing	Hoigebazar, L. <i>et al.</i> <i>J. Med. Chem.</i> ; published online March 23, 2012; doi:10.1021/jm201611a Contact: Jae Min Jeong, Seoul National University College of Medicine, Seoul, South Korea e-mail: jmjng@snu.ac.kr
	SciBX 5(15); doi:10.1038/scibx.2012.404 Published online April 12, 2012		