This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Chemistry			
Trifluoromethylation chemistry for PET radioligand synthesis	<p>A synthetic chemistry method could help generate PET imaging probes using common pharmacophores. A reagent for labeling aryl and heteroaryl groups with an ^{18}F-bearing trimethyl moiety was used to create radiolabelled versions of the generic neuropsychiatric drug fluoxetine and the generic oncology drug flutamide. Next steps include extending the method to other aryl and heteroaryl pharmacophores and testing radiolabelled probes in animal models of disease.</p> <p>SciBX 6(41); doi:10.1038/scibx.2013.1167 Published online Oct. 24, 2013</p>	Patent and licensing status undisclosed	<p>Huiban, M. <i>et al. Nat. Chem.</i>; published online Sept. 8, 2013; doi:10.1038/nchem.1756 Contact: Jan Passchier, Imperial College London, London, U.K. e-mail: jan.passchier@imanova.co.uk Contact: Véronique Gouverneur, University of Oxford, Oxford, U.K. e-mail: veronique.gouverneur@chem.ox.ac.uk</p>