This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Fragment-based drug discovery for membrane proteins using target-immobilized NMR	<p>A method for fragment-based drug screening could help identify compounds that target membrane-bound proteins such as G protein-coupled receptors (GPCRs). A target-immobilized NMR screen identified 93 hits against an immobilized <i>Escherichia coli</i> inner membrane enzyme. Validation with enzymatic assays showed that 22 of the hits inhibited the enzyme with 80%–90% bioactivity. Next steps include screening for compounds that target GPCRs.</p> <p>SciBX 3(40); doi:10.1038/scibx.2010.1219 Published online Oct. 14, 2010</p>	Patented; technology available on a fee-for-service basis from ZoBio BV	<p>Früh, V. <i>et al. Chem. Biol.</i>; published online Aug. 27, 2010; doi:10.1016/j.chembiol.2010.06.011 Contact: Gregg Siegal, Leiden University, Leiden, the Netherlands e-mail: g.siegal@chem.leidenuniv.nl</p>