This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Peptide assay to identify modulators of enzyme activity	<p>An assay that measures the impact of peptides on the binding and activity of enzymes could help identify new therapies for multiple diseases. Ten thousand peptides were immobilized to a polymer-coated glass slide and a dye-labeled enzyme and fluorescent-based substrate were delivered to the surface. As proof of concept, peptides were identified that bound and inhibited horseradish peroxidase, alkaline phosphatase and β-galactosidase. Next steps could include incorporating a second enzyme together with the first enzyme to make reaction products easier to monitor.</p> <p>SciBX 3(18); doi:10.1038/scibx.2010.570 Published online May 6, 2010</p>	Patent application pending; unlicensed	<p>Fu, J. <i>et al.</i> <i>J. Am. Chem. Soc.</i>; published online April 21, 2010; doi:10.1021/ja100403a Contact: Neal W. Woodbury, Arizona State University, Tempe, Ariz. e-mail: nwoodbury@asu.edu</p>