

### This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Assays &amp; screens</b>			
Microfluidic selection of cell surface marker-binding peptides	<p>A microfluidic platform for cell-based screening of phage-displayed peptides could help identify new disease biomarkers. In the system, as few as 1,000 human cells were captured and screened against a library of phage-displayed peptides. The cells were then washed with a continuous flow of buffer to identify peptides with high binding specificity. Next steps include using the system to identify markers in biopsy samples and adapting the approach to screen other types of biochemical libraries.</p> <p><b>SciBX 4(17); doi:10.1038/scibx.2011.495</b>  Published online April 28, 2011</p>	Patent and licensing status undisclosed	<p>Wang, J. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online April 4, 2011;  doi:10.1073/pnas.1014753108  <b>Contact:</b> H. Tom Soh, University of California, Santa Barbara, Calif.  e-mail: <a href="mailto:tsoh@engr.ucsb.edu">tsoh@engr.ucsb.edu</a>  <b>Contact:</b> Yi Xiao, same affiliation as above  e-mail: <a href="mailto:yixiao@physics.ucsb.edu">yixiao@physics.ucsb.edu</a>  <b>Contact:</b> Erkki Ruoslahti, Sanford-Burnham Medical Research Institute, La Jolla, Calif.  e-mail: <a href="mailto:ruoslahti@sanfordburnham.org">ruoslahti@sanfordburnham.org</a></p>