

## This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Assays &amp; screens</b>			
Microwell array chip-based identification of antigen-specific human mAbs	A chip-based method that identifies antibody-secreting lymphocytes could help generate patient-specific therapeutic mAbs. On a microwell array chip, antibody-secreting cells were screened for their ability to bind specific antigens. Affinity and specificity for the target antigen were confirmed using ELISA and competitive binding assays. In a proof of concept experiment, antibodies against HBV were isolated from lymphocytes from an immunized volunteer. Ongoing work has identified antibodies against infectious diseases and apoptosis-inducing receptors and is extending the method to the identification of antigen-specific T cells and T cell receptors.	Patented by SC World Inc.; available for licensing	Jin, A. <i>et al. Nat. Med.</i> ; published online Aug. 16, 2009; doi:10.1038/nm.1966 <b>Contact:</b> Hiroyuki Kishi, University of Toyama, Toyama, Japan e-mail: <a href="mailto:immkishi@med.u-toyama.ac.jp">immkishi@med.u-toyama.ac.jp</a>
	<b>SciBX 2(32); doi:10.1038/scibx.2009.1255</b> Published online Aug. 20, 2009		