

### This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Assays &amp; screens</b>			
High throughput screen for inhibitors of lymphangiogenesis	<p>A high throughput, cell-based assay could be useful for identifying inhibitors of tumor lymphangiogenesis, which is the aberrant growth of the lymphatic system that can drive metastasis of solid cancers. Human dermal microvascular lymphatic cells were coated onto beads, fluorescently labeled and cultured with test compounds in a 96-well format. Automated fluorescence microscopy was then used to quantify the reduction of lymphangiogenic sprouting associated with each compound. Top hits identified with the assay were MEK inhibitors and statin compounds. Next steps include studying the effects of statins in a lymphangiogenesis tumor setting.</p> <p><i>SciBX</i> 5(37); doi:10.1038/scibx.2012.989 Published online Sept. 20, 2012</p>	Unpatented; licensing status not applicable	<p>Schulz, M.M.P. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Sept. 4, 2012; doi:10.1073/pnas.1206036109 <b>Contact:</b> Michael Detmar, Swiss Federal Institute of Technology Zurich (ETHZ), Zurich, Switzerland e-mail: <a href="mailto:michael.detmar@pharma.ethz.ch">michael.detmar@pharma.ethz.ch</a></p>