This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Chemistry			
Hydrogen bond acceptor-donor pairs to increase peptide membrane permeability	<p>Engineering hydrogen bond acceptor-donor pairs into peptide-based drugs could help increase membrane permeability and improve efficacy. Peptides were synthesized with modified amino acids that contained hydrogen bond acceptor atoms. In cell culture, the peptides had better membrane permeability than analogs synthesized using unmodified amino acids. Next steps include evaluating permeability, solubility and target binding of larger engineered peptides.</p> <p>SciBX 5(12); doi:10.1038/scibx.2012.317 Published online March 22, 2012</p>	Unpatented; available for licensing	<p>Rafi, S.B. <i>et al. J. Med. Chem.</i>; published online March 6, 2012; doi:10.1021/jm201634q Contact: Adam R. Renslo, University of California, San Francisco, Calif. e-mail: adam.renslo@ucsf.edu Contact: Matthew P. Jacobson, same affiliation as above e-mail: matt.jacobson@ucsf.edu</p>