This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
¹²⁹ Xe biosensor for imaging peptide interactions with major histocompatibility complex class II (MHCII) protein	<p>A ¹²⁹Xe biosensor that can monitor peptide ligand interactions with MHCII protein could aid in the development of new treatments for autoimmune diseases. As proof of concept, the construct was used to monitor the formation of a hemagglutinin-human leukocyte antigen (HLA) complex. Next steps could include evaluating the use of the ¹²⁹Xe biosensor to study MHC-based dysfunctions in the immune system.</p> <p>SciBX 2(20); doi:10.1038/scibx.2009.856 Published online May 21, 2009</p>	Patent and licensing status unavailable	<p>Schlundt, A. <i>et al. Angew. Chem. Int. Ed.</i>; published online April 30, 2009; doi:10.1002/anie.200806149</p> <p>Contact: Christian Freund, Freie University Berlin, Berlin, Germany e-mail: freund@fmp-berlin.de</p>