This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
Multiphoton excitation fluorescence microscopy (MPM) detection of retinol and retinol-associated condensation products	<p>Multiphoton excitation fluorescence microscopy could be used to detect early stages of retinal disease and monitor the progress of therapeutic intervention. Retinal disease often is associated with changes in the levels of retinol-associated condensation products in the eye. In intact mouse eyes visualized <i>ex vivo</i>, MPM distinguished between retinol and retinol-associated condensation products, which correlated with unwanted mouse aging. Next steps include using the technique to validate the activity of therapeutics in animal models.</p> <p>SciBX 3(47); doi:10.1038/scibx.2010.1429 Published online Dec. 9, 2010</p>	Patented; licensed exclusively to Polgenix Inc. from the University of Washington; Polgenix is open to sublicense relationships and partnerships in select fields	<p>Palczewska, G. <i>et al.</i> <i>Nat. Med.</i>; published online Nov. 14, 2010; doi:10.1038/nm.2260</p> <p>Contact: Grazyna Palczewska, Polgenix Inc., Cleveland, Ohio e-mail: gpalczewska@polgenixinc.com</p> <p>Contact: Krzysztof Palczewski, Case Western Reserve University, Cleveland, Ohio e-mail: kxp65@case.edu</p>