This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Mouse model for real-time imaging of kidney injury	<p>A mouse model could guide the development of new treatments for acute kidney injury and be used to screen for therapeutics that are nephrotoxic. The mouse was generated by inserting a gene that encodes two fluorescent proteins into the mouse <i>lipocalin 2</i> (<i>Lcn2</i>; <i>Ngal</i>) gene. In mice with acute kidney injury, the intensity of bioluminescence and fluorescence in the kidneys directly correlated with injury severity. Next steps include using the mouse model to screen for compounds that treat kidney diseases.</p> <p>SciBX 4(5); doi:10.1038/scibx.2011.142 Published online Feb. 3, 2011</p>	<p>Patent pending; available for licensing from Columbia Technology Ventures</p> <p>Contact: Ron Katz, Columbia University, New York, N.Y. phone: 212-342-1174 e-mail: ron.katz@columbia.edu</p>	<p>Paragas, N. <i>et al.</i> <i>Nat. Med.</i>; published online Jan. 16, 2011; doi:10.1038/nm.2290</p> <p>Contact: Jonathan Barasch, Columbia University, New York, N.Y. e-mail: jmb4@columbia.edu</p>