This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Mouse model of primary ciliary dyskinesia	<p>Chibby (Cby) knockout mice could serve as a model for primary ciliary dyskinesia and chronic upper airway infections. In the mice, knockout of the β-catenin-interacting protein Cby caused weight loss, development of rhinitis and sinusitis and an inability to clear <i>Pseudomonas aeruginosa</i> from the nasal cavity. The mice also lacked mucociliary transport due to lower numbers of motile cilia. Next steps include further confirmation of the role of cilia in signal transduction pathways before therapeutics can be developed.</p> <p>SciBX 2(16); doi:10.1038/scibx.2009.679 Published online April 23, 2009</p>	Findings unpatented; available for licensing from the University of Washington	<p>Voronia, V. <i>et al.</i> <i>J. Clin. Biol.</i>; published online April 13, 2009; doi:10.1083/jcb.200809144</p> <p>Contact: Randall T. Moon, University of Washington, Seattle, Wash. e-mail: rtmoon@u.washington.edu</p> <p>Contact: Ken-Ichi Takemaru, State University of New York at Stony Brook, Stony Brook, N.Y. e-mail: takemaru@pharm.stonybrook.edu</p>