This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Human prostate basal cell-generated mouse model of prostate cancer	<p>Mouse studies suggest that prostate cancers arise from basal cells and identified a new model for the cancer. In immunodeficient mice, transplantation of basal cells from benign human prostate samples led to development of prostate tissue and cell outgrowth compared with transplantation of luminal cells from benign human prostate samples. In the mice, transplantation of human basal cells expressing protein kinase B (PKB; Akt), ERG and androgen receptor oncogenes caused development of prostate intraepithelial neoplasia (PIN) and adenocarcinomas compared with transplantation of luminal cells expressing the same oncogenes. Next steps could include using the model to test the efficacy of anticancer compounds.</p> <p>SciBX 3(31); doi:10.1038/scibx.2010.965 Published online Aug. 12, 2010</p>	Patent and licensing status unavailable	<p>Goldstein, A.S. <i>et al. Science</i>; published online July 28, 2010; doi:10.1126/science.1189992</p> <p>Contact: Owen N. Witte, University of California, Los Angeles, Calif. e-mail: owenwitte@mednet.ucla.edu</p>