

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
High-fidelity prostate cancer xenograft models from fresh patient prostate cancer samples	<p>A collection of xenograft mice created using fresh patient prostate cancer tissue samples could help identify new therapeutics for the disease. In immunocompromised mice, serial subrenal transplantation of primary or metastatic prostate cancer samples taken from patients after initial surgery or needle biopsy established 12 transplantable tumor lines, including 2 lines from metastatic neuroendocrine prostate cancers. Tumors in the xenograft models maintained the histopathological, genetic and molecular characteristics of the patient tumors and had similar tumor growth patterns and outcomes as the matched patients. Next steps could include using the models to identify new therapeutics.</p> <p>SciBX 7(4); doi:10.1038/scibx.2014.127 Published online Jan. 30, 2014</p>	Patent and licensing status unavailable	<p>Lin, D. <i>et al. Cancer Res.</i>; published online Dec. 19, 2013; doi:10.1158/0008-5472.CAN-13-2921-T Contact: Yuzhuo Wang, BC Cancer Agency, Vancouver, British Columbia, Canada e-mail: ywang@bccrc.ca</p>