

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Primary tumor xenograft mouse model for prostate cancer	A primary tumor mouse xenograft model could be useful for studying prostate cancer pathogenesis. Previous xenograft models for prostate cancer had low engraftment rates. In mice, transplantation of mouse neonatal stromal cells and primary prostate tumor cells from 12 patients with prostate cancer led to tumor engraftment in 60 of 94 animals. In these mice, tumor growth was inhibited by castration and promoted by testosterone treatment. Next steps include establishing xenograft models for other prostate cancer subtypes including castration-resistant prostate cancer.	Unpatented; licensing status not applicable	Toivanen, R. <i>et al. Sci. Transl. Med.</i> ; published online May 29, 2013; doi:10.1126/scitranslmed.3005688 Contact: Gail P. Risbridger, Monash University, Clayton, Victoria, Australia e-mail: gail.risbridger@monash.edu
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